

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077264.D
 Acq On : 05 Apr 2023 16:28
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 05 20:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 20:43:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	502715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	954576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	810202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	295989	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	2.137	85	6886	1.059	ug/l	87
3) Chloromethane	2.372	50	9572	1.197	ug/l	94
4) Vinyl Chloride	2.525	62	10847	0.992	ug/l	91
6) Chloroethane	3.137	64	6763	0.932	ug/l	100
7) Trichlorofluoromethane	3.513	101	8923	0.953	ug/l #	81
8) Diethyl Ether	3.960	74	4147	1.054	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.372	101	5399	0.966	ug/l #	62
12) 1,1-Dichloroethene	4.348	96	7194	1.194	ug/l #	76
14) Allyl chloride	5.037	41	8413m	0.997	ug/l	
15) Acrylonitrile	5.725	53	15863	5.089	ug/l	90
16) Acetone	4.448	43	13279	5.357	ug/l	89
17) Carbon Disulfide	4.725	76	17961	1.087	ug/l #	88
18) Methyl Acetate	5.043	43	9339	0.964	ug/l #	88
19) Methyl tert-butyl Ether	5.807	73	20369	0.976	ug/l #	89
20) Methylene Chloride	5.301	84	10376m	1.393	ug/l	
21) trans-1,2-Dichloroethene	5.801	96	7809	1.165	ug/l #	74
22) Diisopropyl ether	6.678	45	16465	0.928	ug/l	93
23) Vinyl Acetate	6.619	43	54095	4.451	ug/l	96
24) 1,1-Dichloroethane	6.584	63	11281m	0.978	ug/l	
25) 2-Butanone	7.501	43	20165	4.964	ug/l	90
26) 2,2-Dichloropropane	7.489	77	12085	1.107	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	8434	1.069	ug/l	94
28) Bromochloromethane	7.813	49	5087	1.101	ug/l #	99
29) Tetrahydrofuran	7.848	42	13833	5.156	ug/l	94
30) Chloroform	7.966	83	13554	1.081	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	11459	1.027	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	9287	1.016	ug/l #	89
37) Ethyl Acetate	7.572	43	6817	0.856	ug/l #	82
38) Carbon Tetrachloride	8.366	117	9840	1.038	ug/l #	74
39) Methylcyclohexane	9.607	83	12954	1.047	ug/l	91
40) Benzene	8.613	78	28435	1.000	ug/l	93
41) Methacrylonitrile	7.789	41	4946	1.119	ug/l #	77
42) 1,2-Dichloroethane	8.678	62	8281	0.953	ug/l	96
43) Isopropyl Acetate	8.689	43	15441	1.031	ug/l	98
44) Trichloroethene	9.360	130	6936	1.010	ug/l	98
45) 1,2-Dichloropropane	9.625	63	6883	0.995	ug/l	95

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 05 20:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 20:43:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

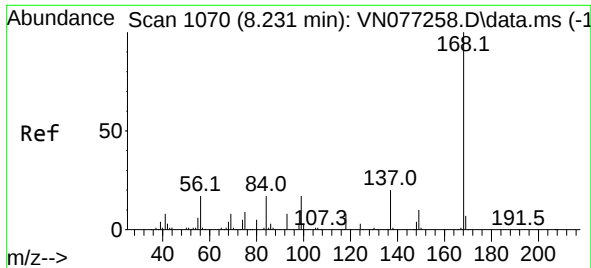
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.719	93	4764	0.949	ug/l #	83
47) Bromodichloromethane	9.889	83	10451	1.035	ug/l #	89
48) Methyl methacrylate	9.689	41	5623	0.893	ug/l	93
49) 1,4-Dioxane	9.701	88	3617	22.575	ug/l #	77
51) 4-Methyl-2-Pentanone	10.448	43	39258	4.532	ug/l	100
52) Toluene	10.630	92	17257	0.930	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	10314	0.929	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	11168	0.946	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	7518	1.027	ug/l #	72
56) Ethyl methacrylate	10.877	69	11630	1.008	ug/l #	81
57) 1,3-Dichloropropane	11.160	76	11238	0.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	13337	4.079	ug/l	99
59) 2-Hexanone	11.201	43	30072	4.672	ug/l	98
60) Dibromochloromethane	11.366	129	7014	0.934	ug/l	93
61) 1,2-Dibromoethane	11.471	107	7064	0.971	ug/l	93
64) Tetrachloroethene	11.113	164	5811	1.116	ug/l #	78
65) Chlorobenzene	11.895	112	18862	1.024	ug/l #	76
66) 1,1,1,2-Tetrachloroethane	11.966	131	6223	0.944	ug/l #	56
67) Ethyl Benzene	11.966	91	32942	0.987	ug/l	89
68) m/p-Xylenes	12.077	106	24014	1.852	ug/l	95
69) o-Xylene	12.401	106	12416	0.959	ug/l	95
70) Styrene	12.418	104	18112	0.879	ug/l	98
71) Bromoform	12.583	173	4503	0.933	ug/l #	96
73) Isopropylbenzene	12.701	105	29947	1.035	ug/l	97
74) N-amyl acetate	12.495	43	11629	1.075	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	10130	1.105	ug/l	93
76) 1,2,3-Trichloropropane	12.995	75	7862m	1.112	ug/l	
77) Bromobenzene	12.989	156	5988	1.014	ug/l	96
78) n-propylbenzene	13.036	91	31594	0.997	ug/l	95
79) 2-Chlorotoluene	13.124	91	20078	1.041	ug/l	97
80) 1,3,5-Trimethylbenzene	13.183	105	21084	0.915	ug/l	91
82) 4-Chlorotoluene	13.230	91	19810	1.077	ug/l	91
83) tert-Butylbenzene	13.436	119	21025	1.022	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	18543	0.831	ug/l	97
85) sec-Butylbenzene	13.618	105	29063	1.005	ug/l	99
86) p-Isopropyltoluene	13.736	119	20059	0.892	ug/l	92
87) 1,3-Dichlorobenzene	13.742	146	11480	1.034	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	11387m	1.053	ug/l	
89) n-Butylbenzene	14.065	91	18047	0.963	ug/l	99
90) Hexachloroethane	14.336	117	4734	0.972	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	11190	1.021	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1684	0.999	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	4006	0.983	ug/l	94
94) Hexachlorobutadiene	15.465	225	2298	1.032	ug/l	95
95) Naphthalene	15.589	128	11569	0.771	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.765	180	3396	0.886	ug/l	94

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

Manual Integrations

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

[illegible]



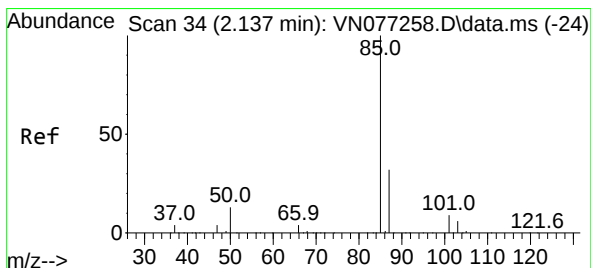
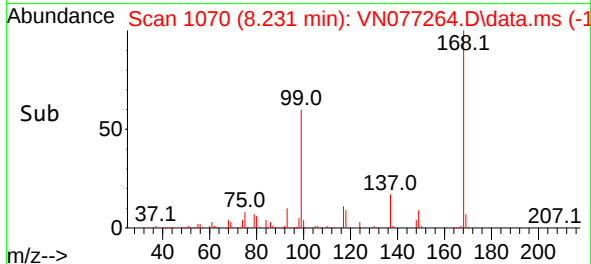
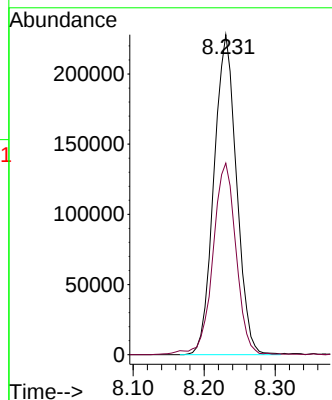
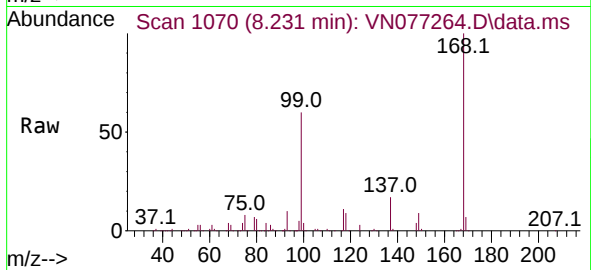
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:168 Resp: 502715
Ion Ratio Lower Upper
168 100
99 59.6 50.6 75.8

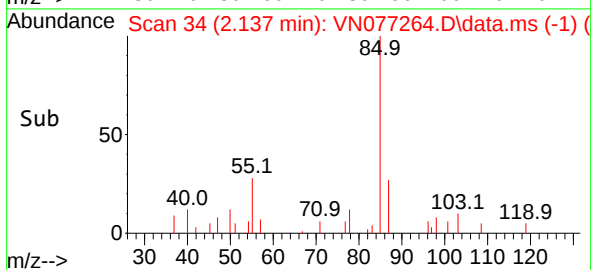
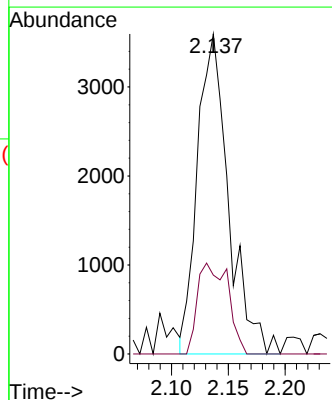
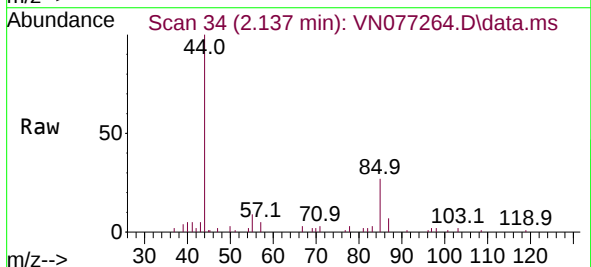
Manual Integrations
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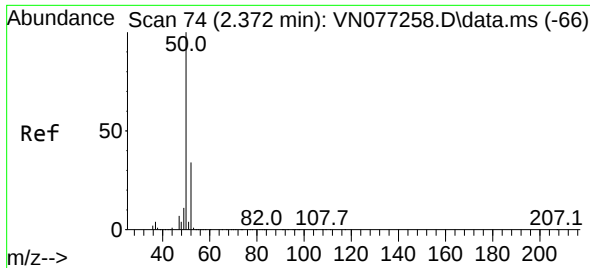
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 1.059 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

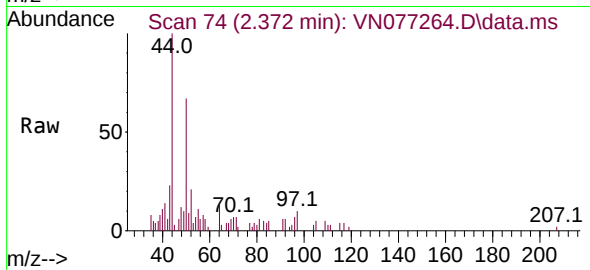
Tgt Ion: 85 Resp: 6886
Ion Ratio Lower Upper
85 100
87 24.6 16.1 48.2





#3
Chloromethane
Concen: 1.197 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

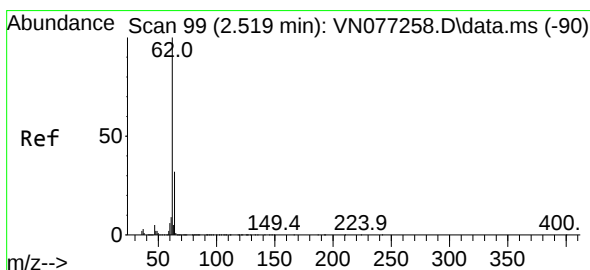
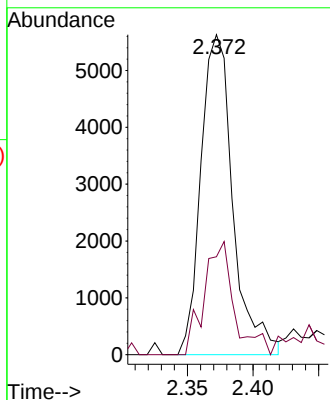
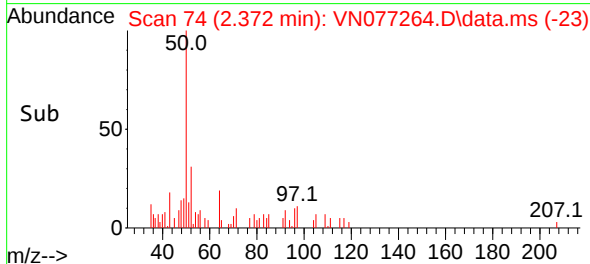
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 9572
Ion Ratio Lower Upper
50 100
52 30.6 27.3 40.9

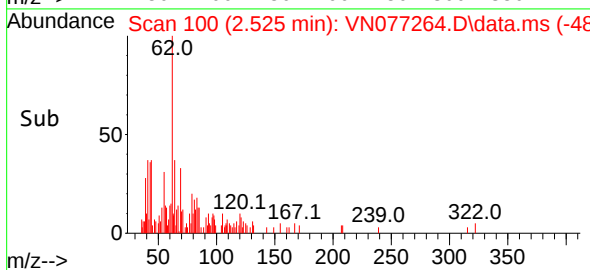
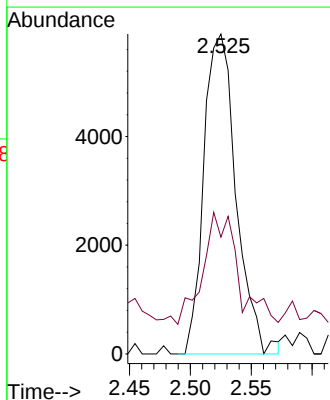
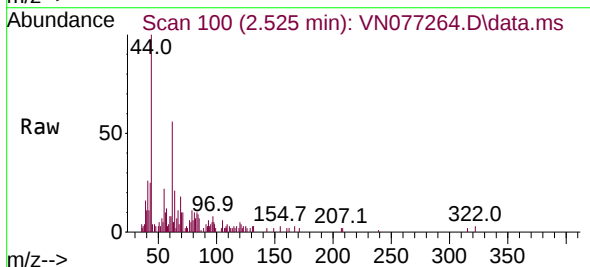
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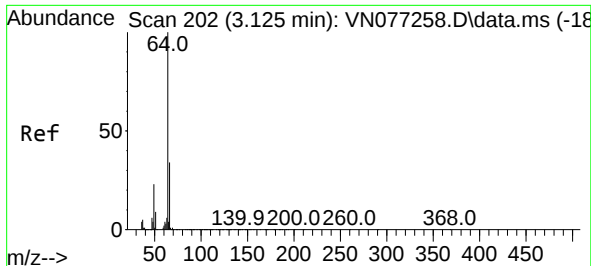
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#4
Vinyl Chloride
Concen: 0.992 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 62 Resp: 10847
Ion Ratio Lower Upper
62 100
64 27.3 25.8 38.8





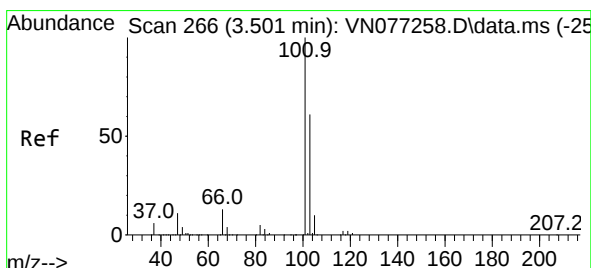
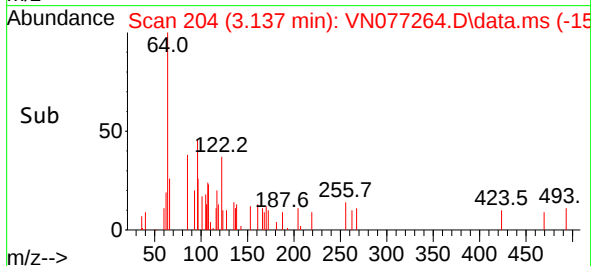
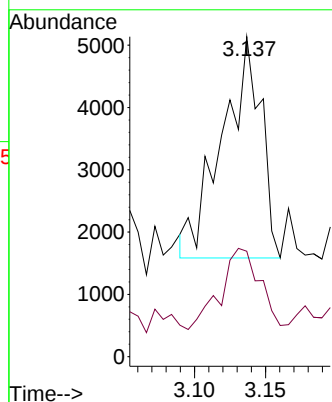
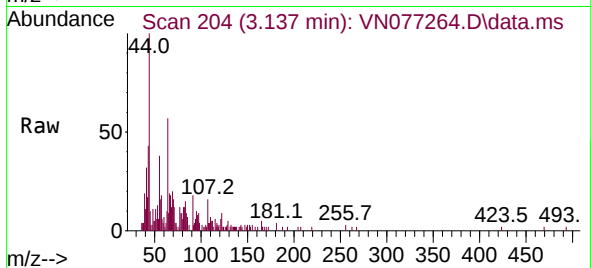
#6
Chloroethane
Concen: 0.932 ug/l
RT: 3.137 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 64 Resp: 676
Ion Ratio Lower Upper
64 100
66 33.5 26.9 40.3

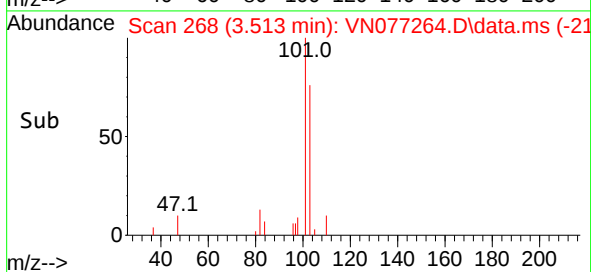
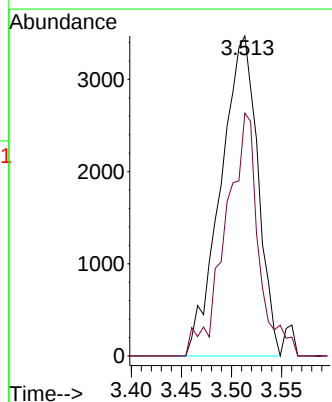
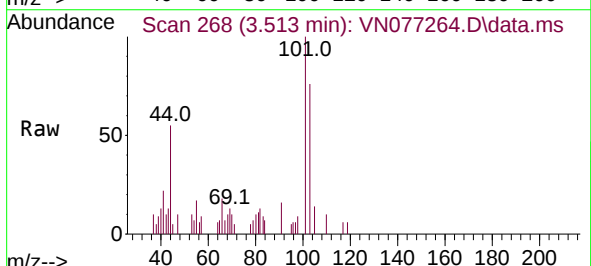
Manual Integrations
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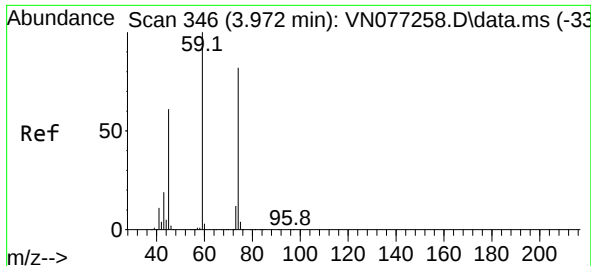
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#7
Trichlorofluoromethane
Concen: 0.953 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:101 Resp: 8923
Ion Ratio Lower Upper
101 100
103 75.8 49.0 73.4#





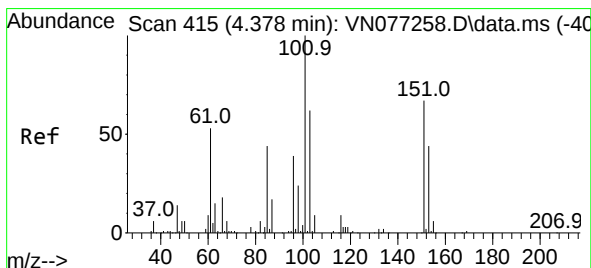
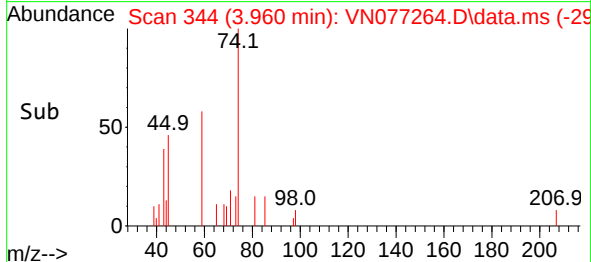
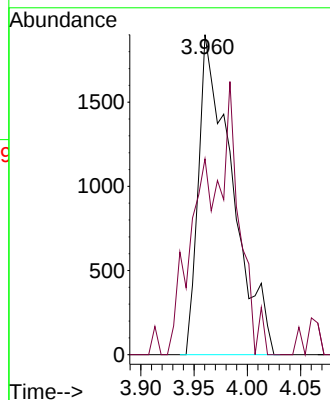
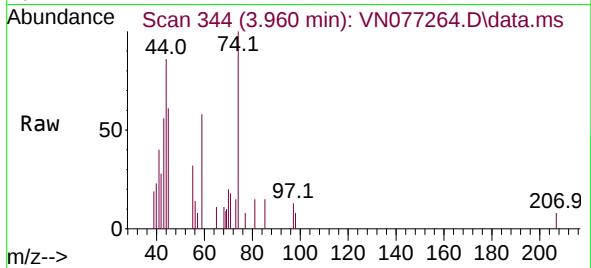
#8
Diethyl Ether
Concen: 1.054 ug/l
RT: 3.960 min Scan# 346
Delta R.T. -0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 74 Resp: 414
Ion Ratio Lower Upper
74 100
45 42.2 37.8 113.4

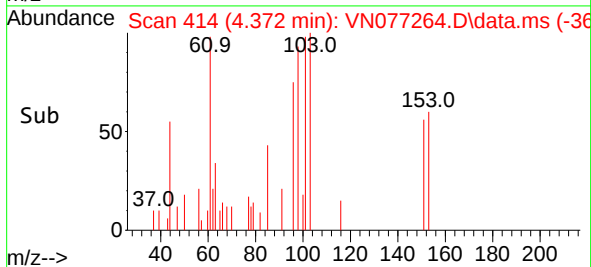
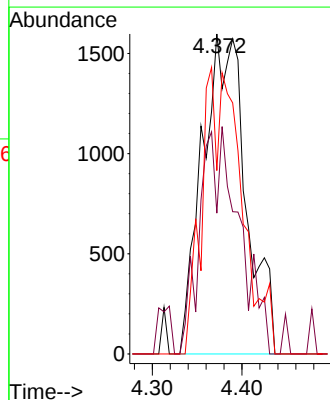
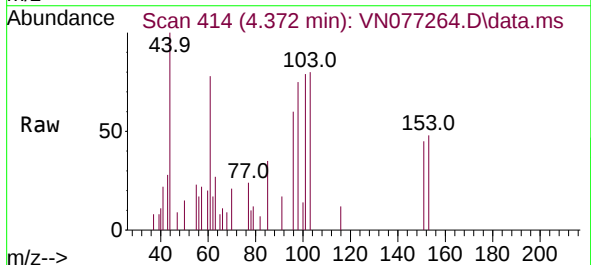
Manual Integrations
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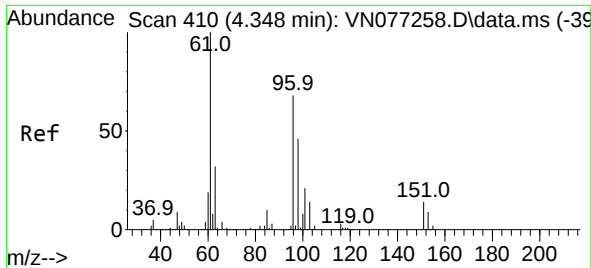
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.966 ug/l
RT: 4.372 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:101 Resp: 5399
Ion Ratio Lower Upper
101 100
85 29.2 37.3 55.9#
151 33.1 56.3 84.5#





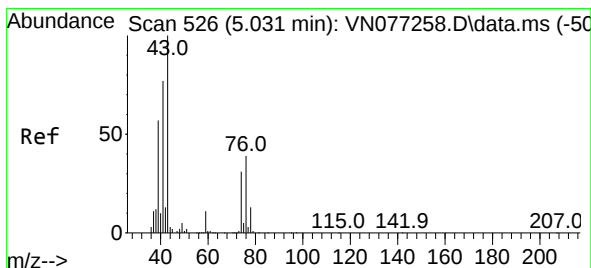
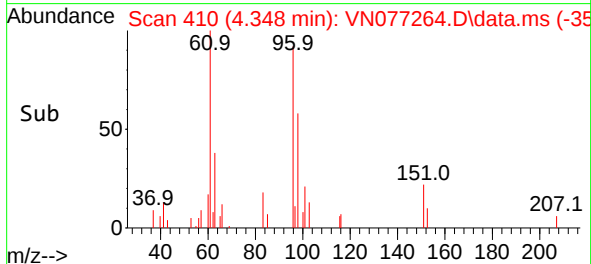
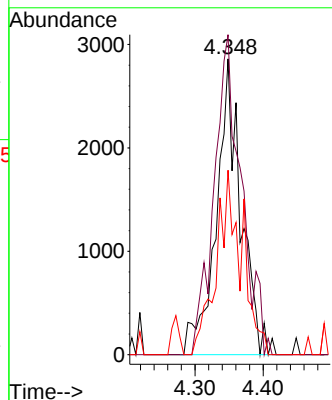
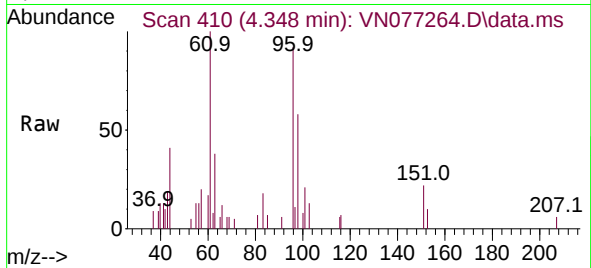
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1,1-Dichloroethene
Concen: 1.194 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 7194
Ion Ratio Lower Upper
96 100
61 108.1 118.3 177.5
98 62.4 54.5 81.7

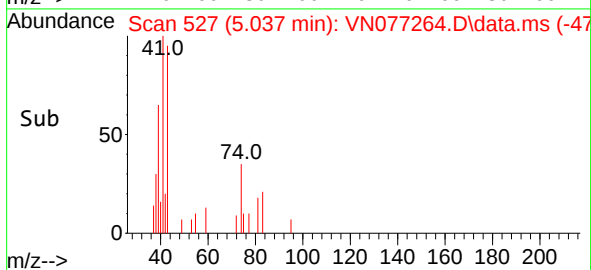
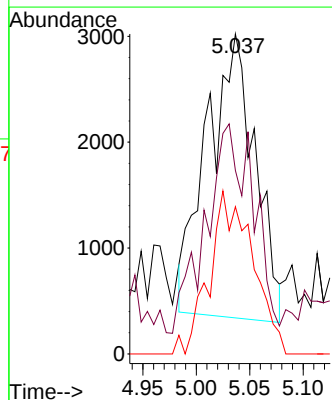
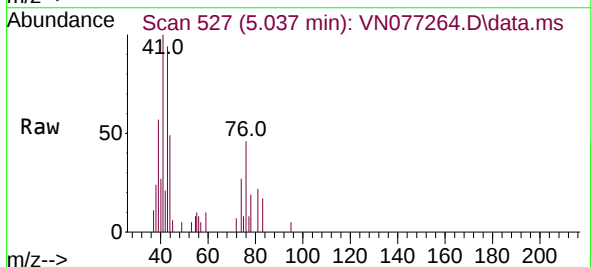
Manual Integrations
APPROVED

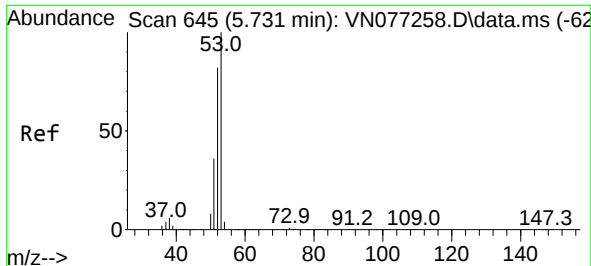
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 0.997 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

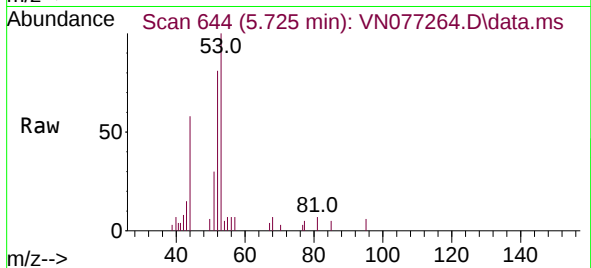
Tgt Ion: 41 Resp: 8413
Ion Ratio Lower Upper
41 100
39 76.9 55.0 82.4
76 51.4 35.4 53.2





#15
Acrylonitrile
Concen: 5.089 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

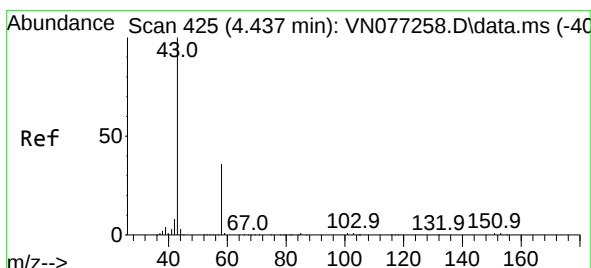
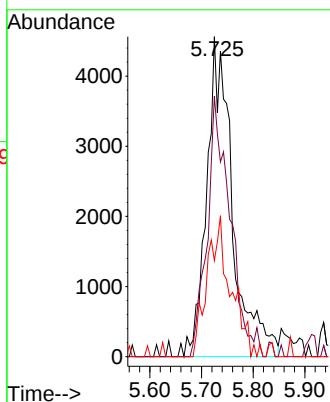
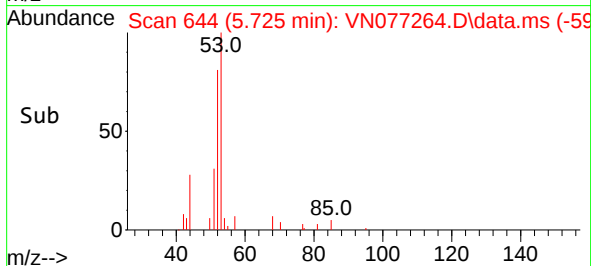
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 1586
Ion Ratio Lower Upper
53 100
52 72.3 65.2 97.8
51 40.2 28.1 42.1

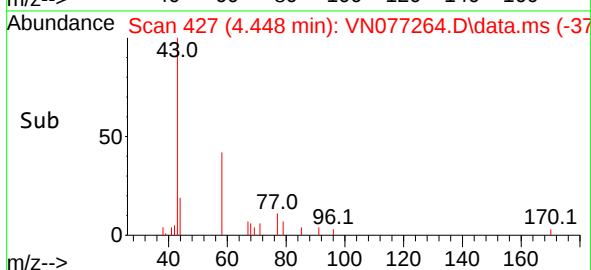
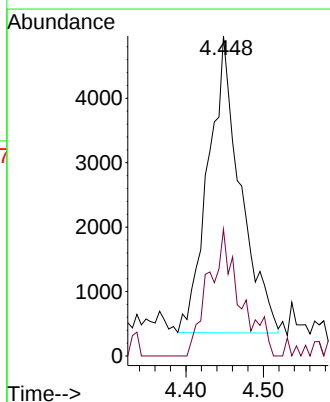
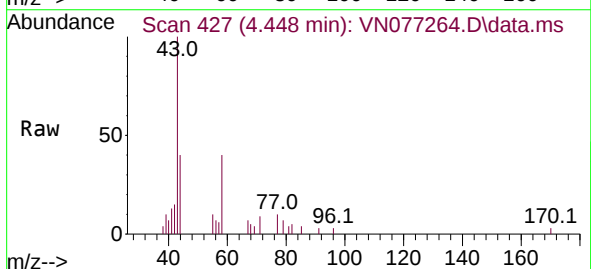
Manual Integrations
APPROVED

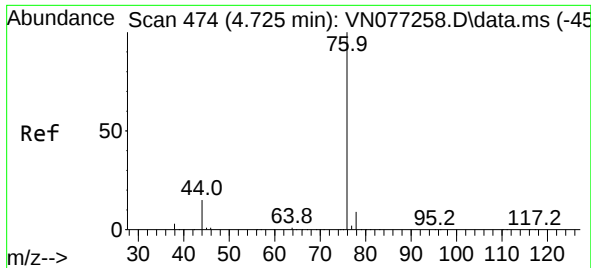
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
Acetone
Concen: 5.357 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
58 42.7 29.0 43.6





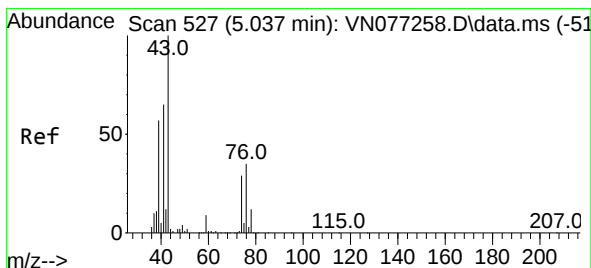
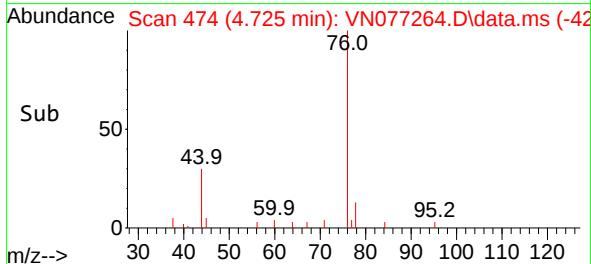
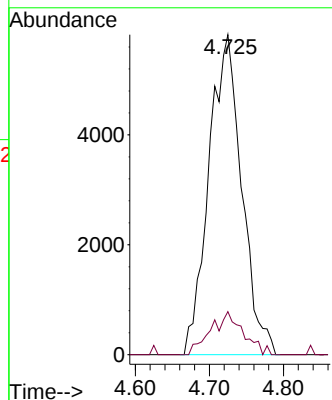
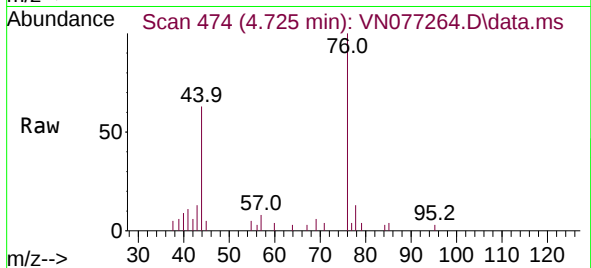
#17
Carbon Disulfide
Concen: 1.087 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 1796
Ion Ratio Lower Upper
76 100
78 13.4 7.3 10.9

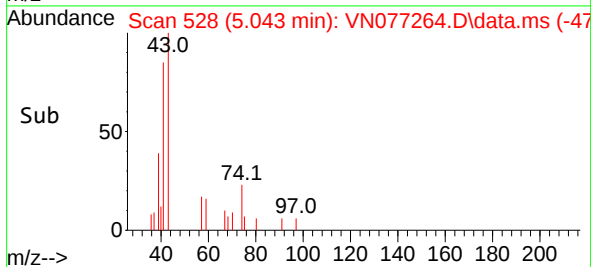
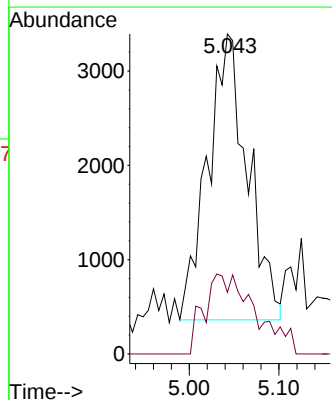
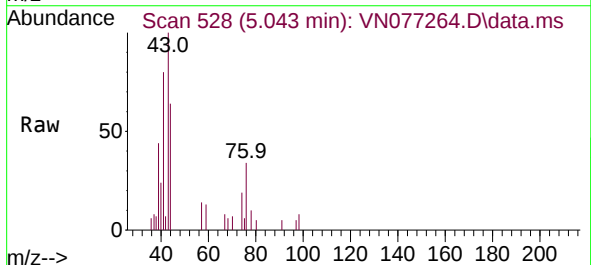
Manual Integrations
APPROVED

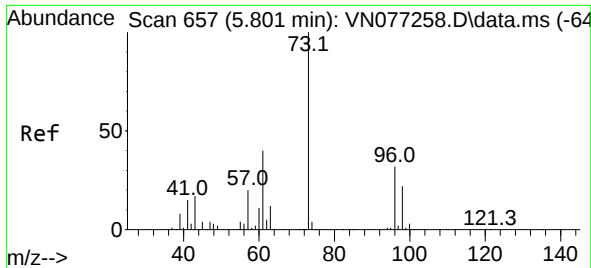
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#18
Methyl Acetate
Concen: 0.964 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
74 35.9 23.4 35.2





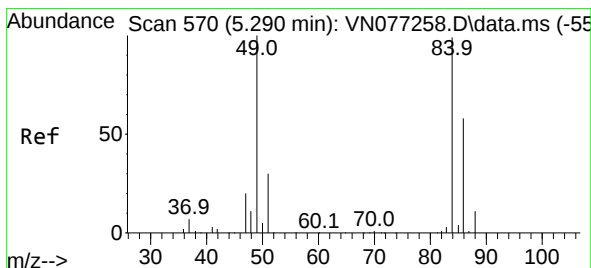
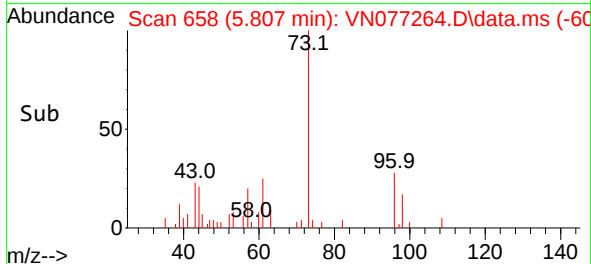
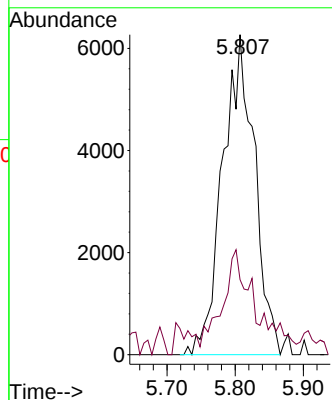
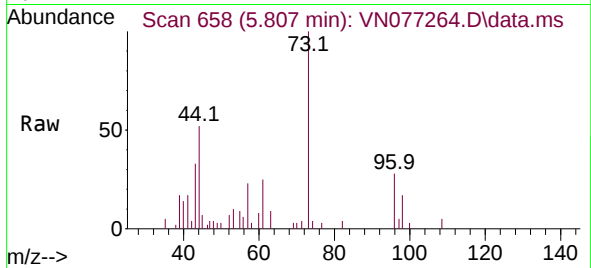
#19
Methyl tert-butyl Ether
Concen: 0.976 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 20369
Ion Ratio Lower Upper
73 100
57 15.3 16.2 24.4

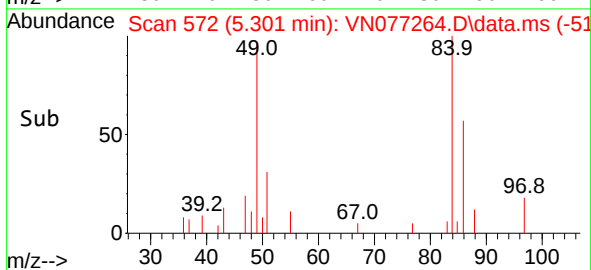
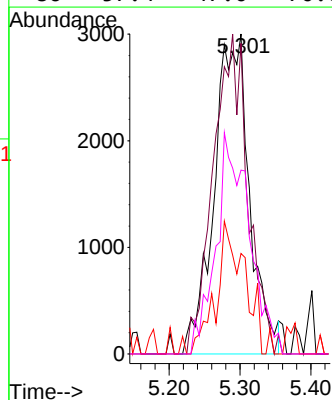
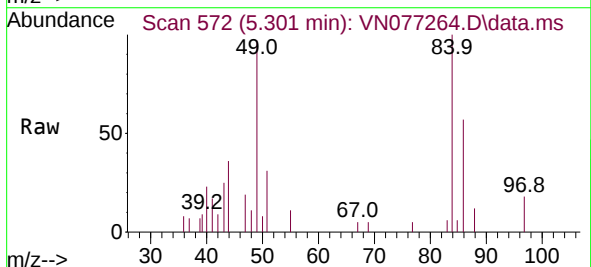
Manual Integrations
APPROVED

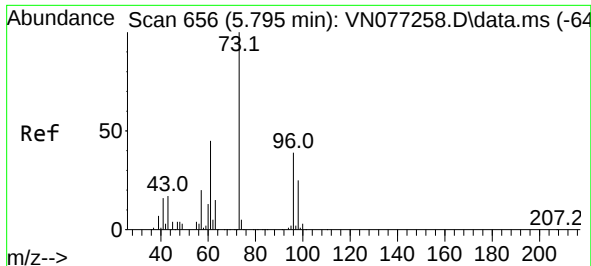
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 1.393 ug/l m
RT: 5.301 min Scan# 572
Delta R.T. 0.011 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

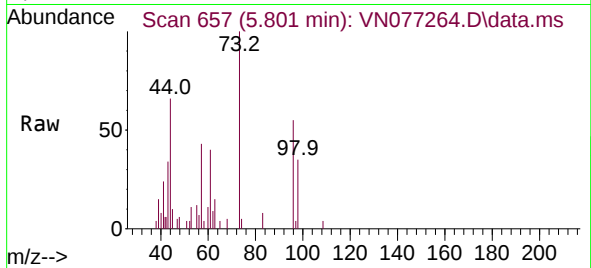
Tgt Ion: 84 Resp: 10376
Ion Ratio Lower Upper
84 100
49 97.1 80.6 121.0
51 31.4 24.4 36.6
86 57.4 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 1.165 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

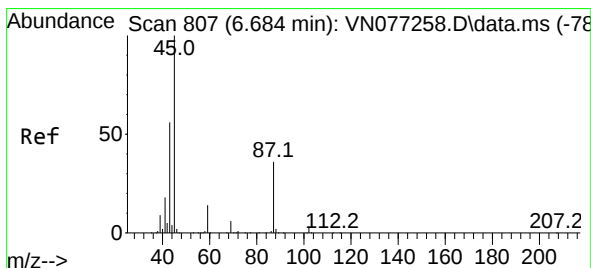
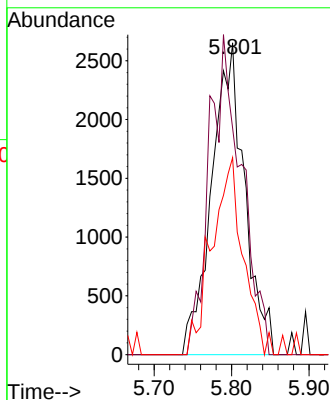
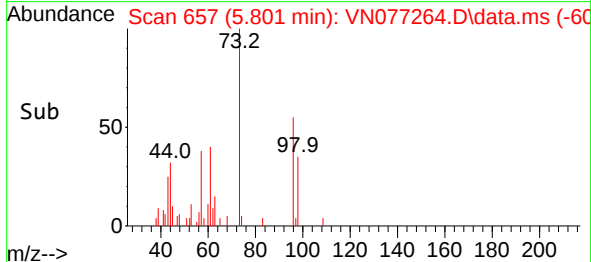
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



Tgt Ion: 96 Resp: 7809
Ion Ratio Lower Upper
96 100
61 72.7 93.8 140.6
98 63.2 50.9 76.3

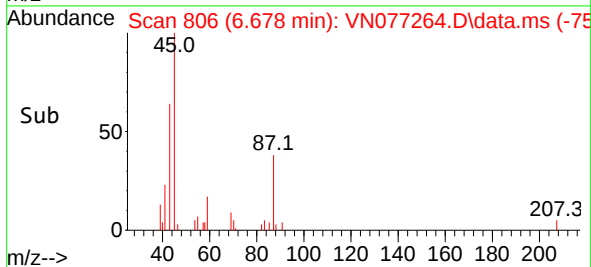
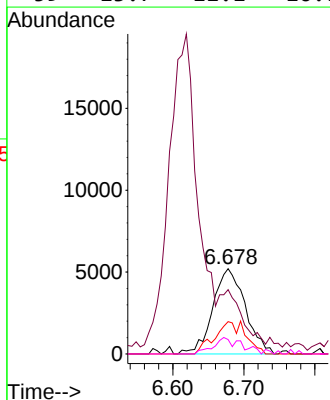
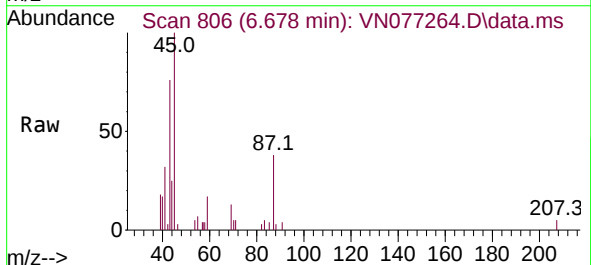
Manual Integrations
APPROVED

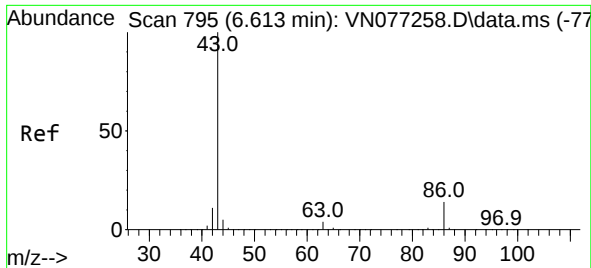
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#22
Diisopropyl ether
Concen: 0.928 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 45 Resp: 16465
Ion Ratio Lower Upper
45 100
43 63.0 44.6 66.8
87 38.0 28.4 42.6
59 13.7 11.1 16.7





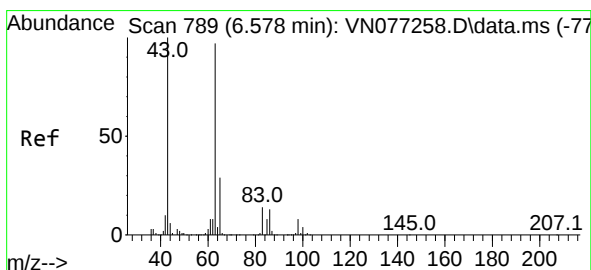
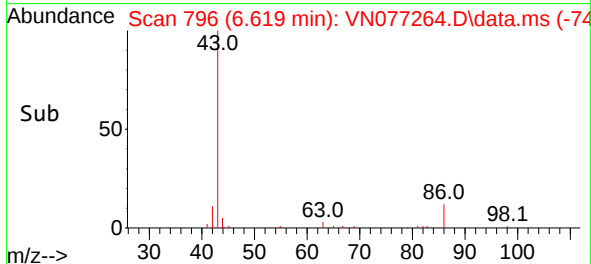
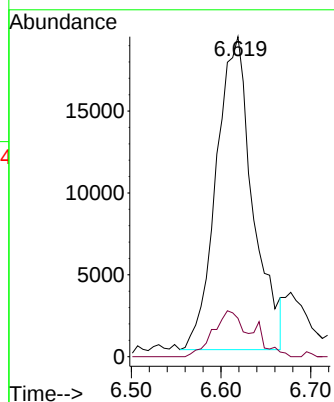
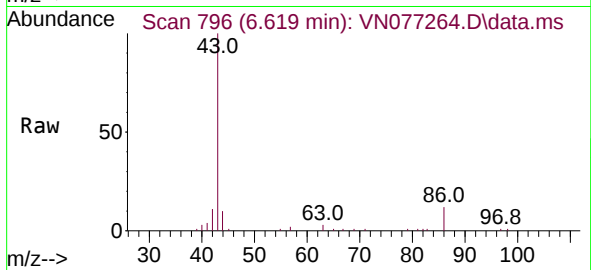
#23
 Vinyl Acetate
 Concen: 4.451 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 5409
 Ion Ratio Lower Upper
 43 100
 86 12.3 11.2 16.8

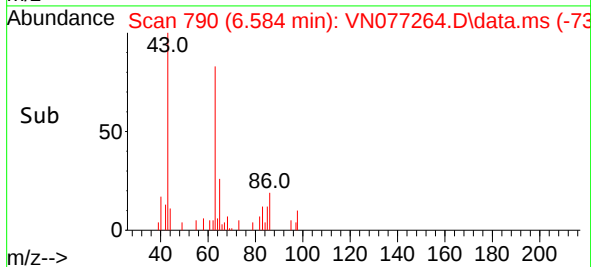
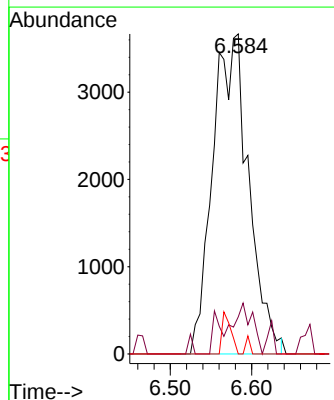
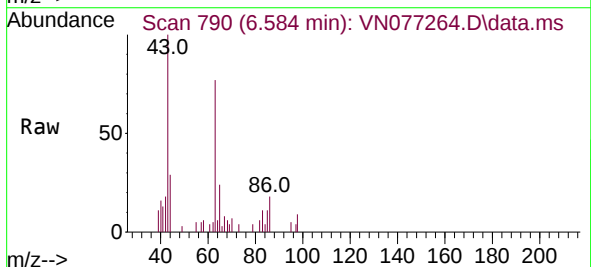
Manual Integrations
 APPROVED

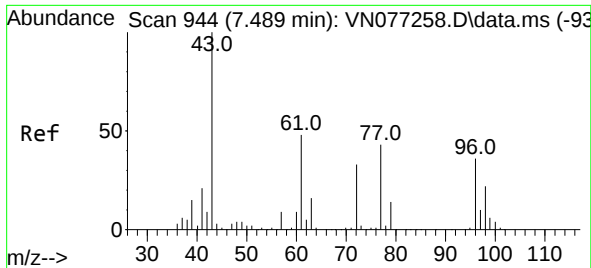
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#24
 1,1-Dichloroethane
 Concen: 0.978 ug/l m
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 63 Resp: 11281
 Ion Ratio Lower Upper
 63 100
 98 11.6 4.0 12.0
 100 0.0 2.3 6.9





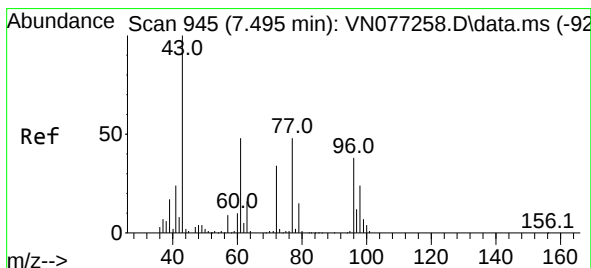
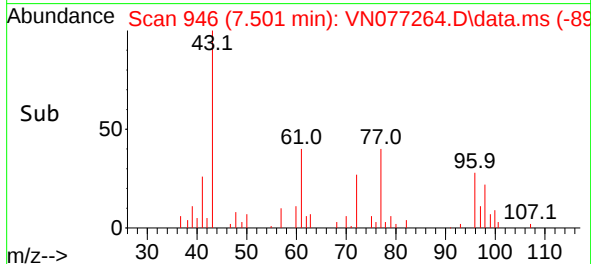
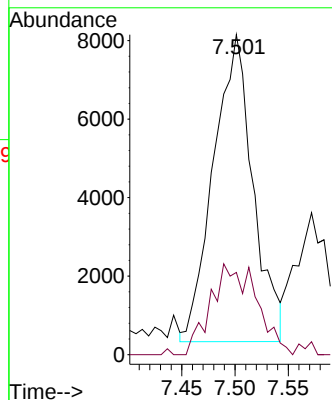
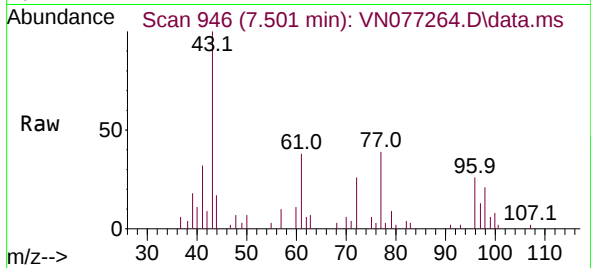
#25
2-Butanone
Concen: 4.964 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
72 27.6 26.6 39.8

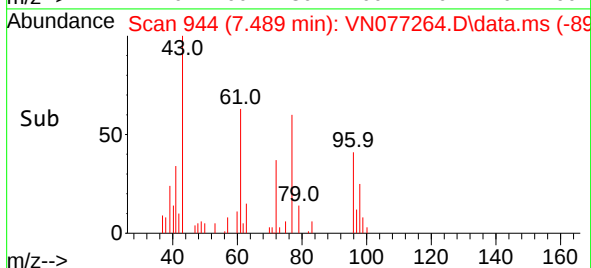
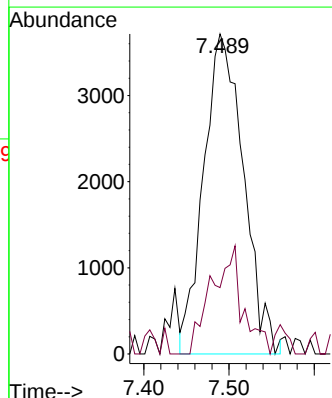
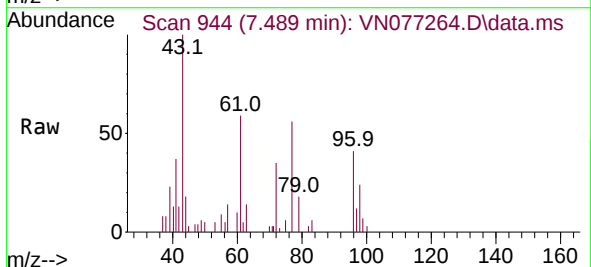
Manual Integrations
APPROVED

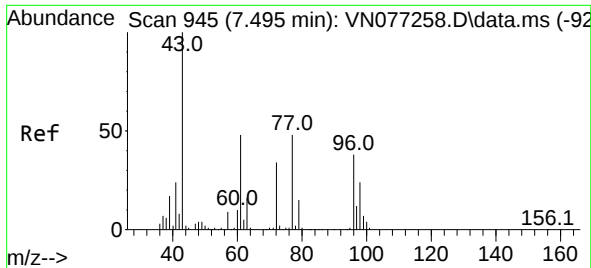
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#26
2,2-Dichloropropane
Concen: 1.107 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

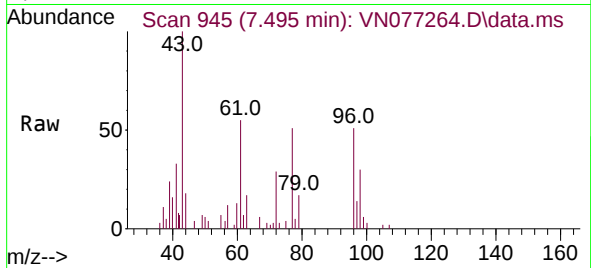
Tgt Ion: 77 Resp: 12085
Ion Ratio Lower Upper
77 100
97 26.4 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 1.069 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

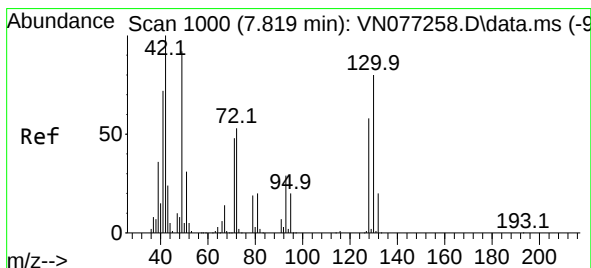
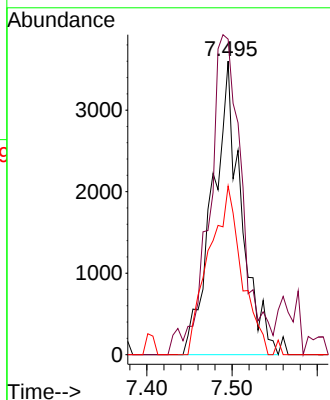
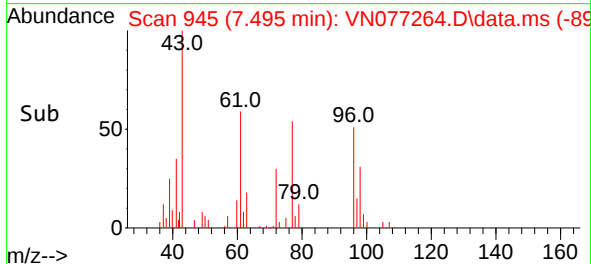
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 8434
 Ion Ratio Lower Upper
 96 100
 61 121.4 0.0 261.0
 98 65.6 0.0 128.0

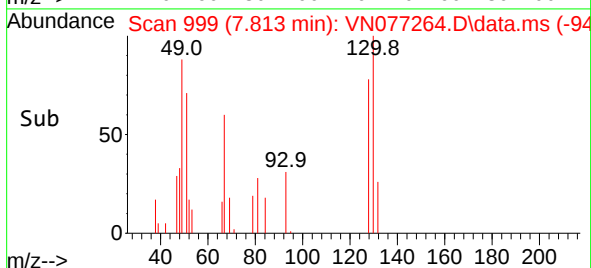
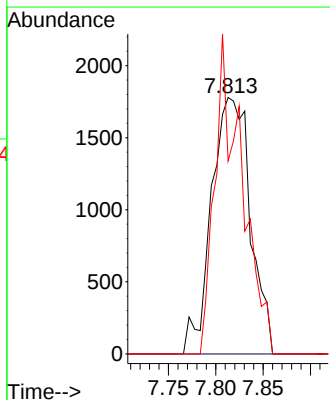
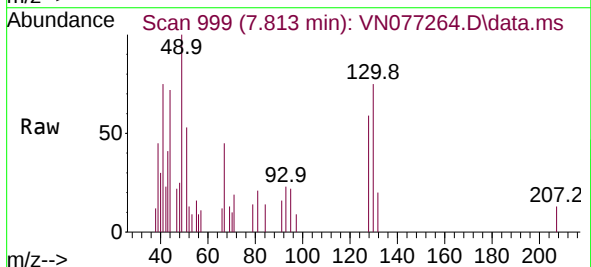
Manual Integrations
 APPROVED

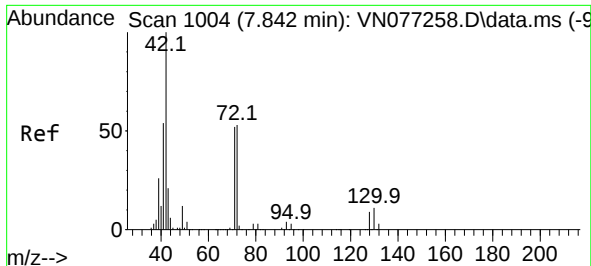
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 1.101 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 49 Resp: 5087
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 86.3 68.4 102.6





#29

Tetrahydrofuran

Concen: 5.156 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

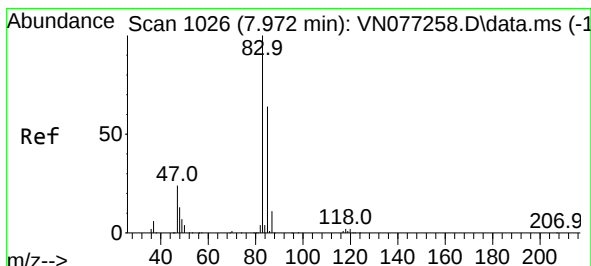
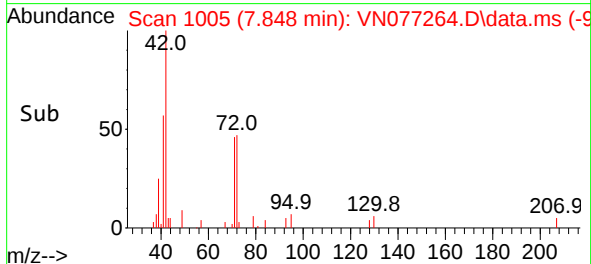
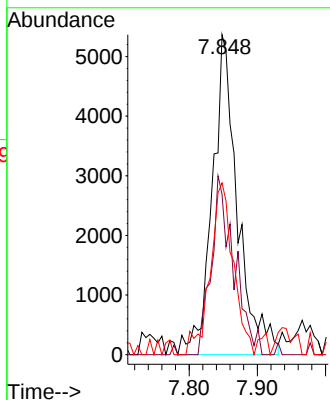
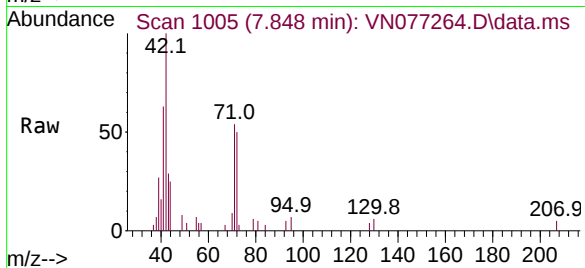
Tgt Ion:	42	Resp:	1383
Ion Ratio	Lower	Upper	
42	100		
72	50.2	44.6	66.8
71	49.1	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 1.081 ug/l

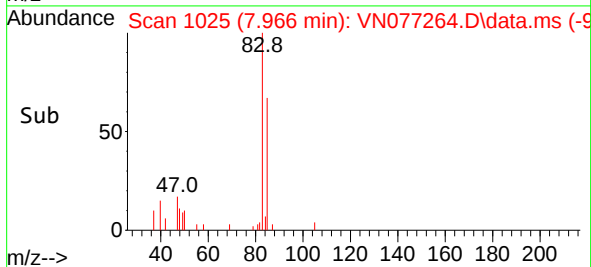
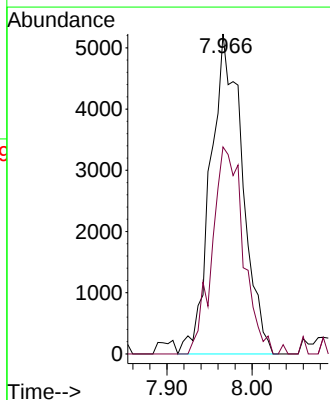
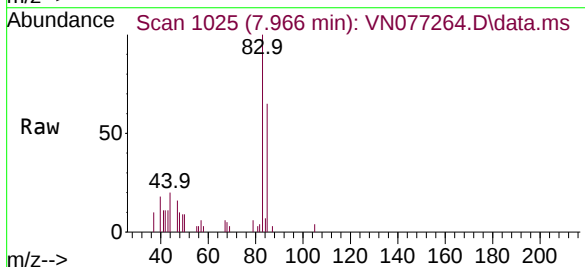
RT: 7.966 min Scan# 1025

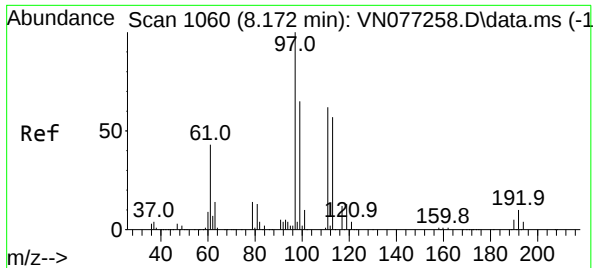
Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:	83	Resp:	13554
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3





#32
 1,1,1-Trichloroethane
 Concen: 1.027 ug/l
 RT: 8.178 min Scan# 1060
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

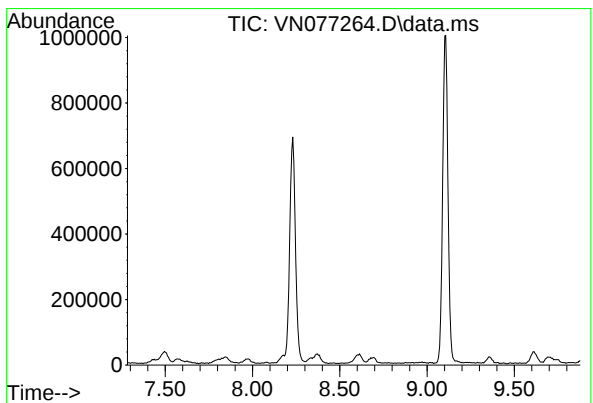
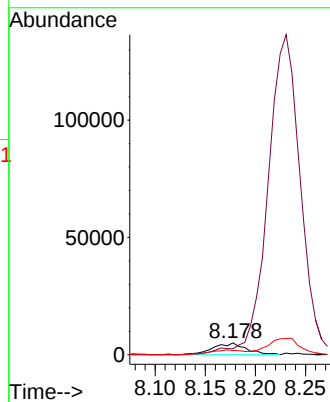
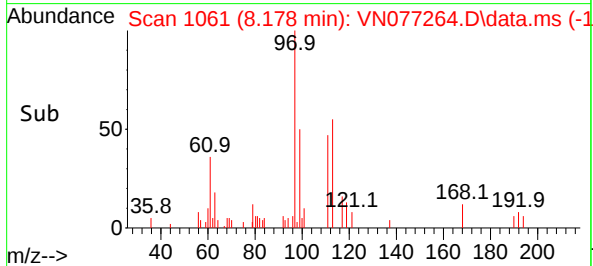
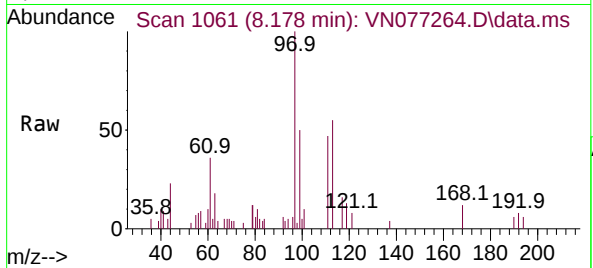
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.2	81.4
61	38.3	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

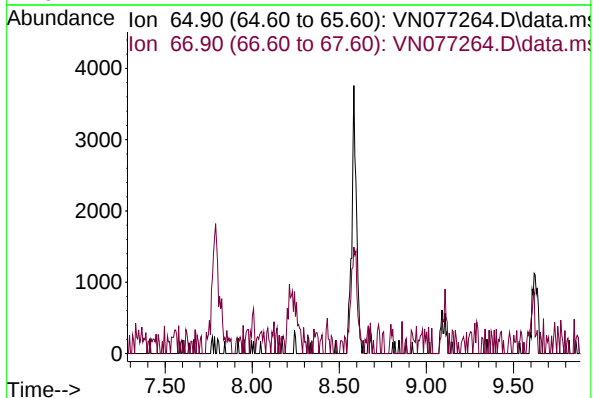
Supervised By :Mahesh Dadoda 04/06/2023

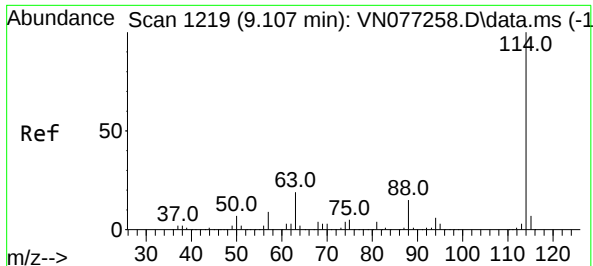


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion	Sig	Exp Ratio
65		100
67		54.4





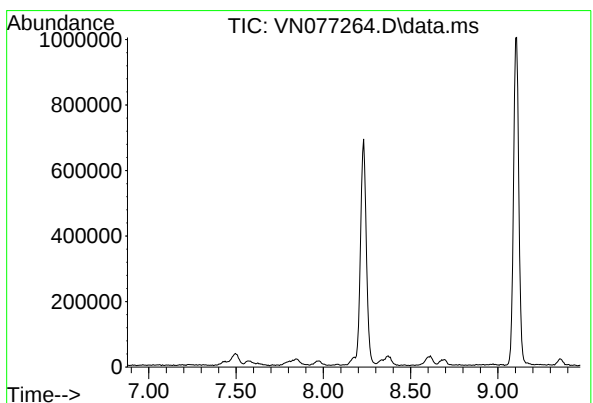
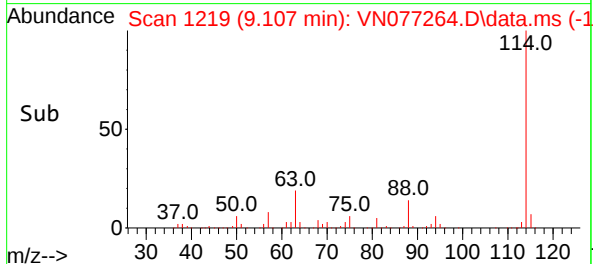
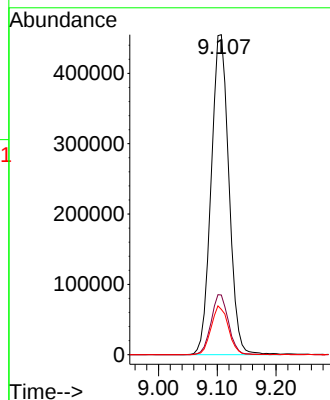
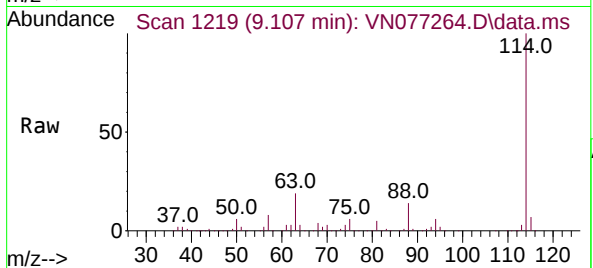
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 954570
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.8
88 14.2 0.0 29.4

Manual Integrations
APPROVED

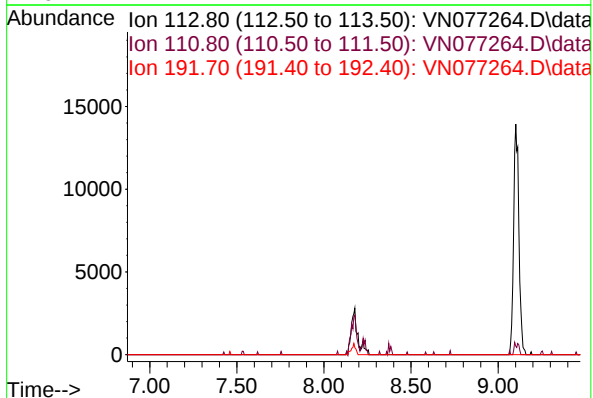
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

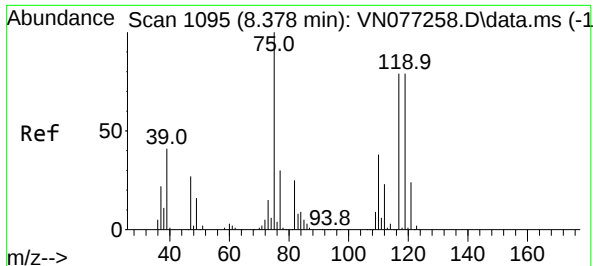


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 113
Sig Exp Ratio
113 100
111 104.2
192 16.9





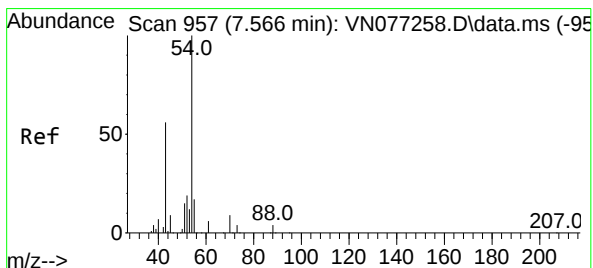
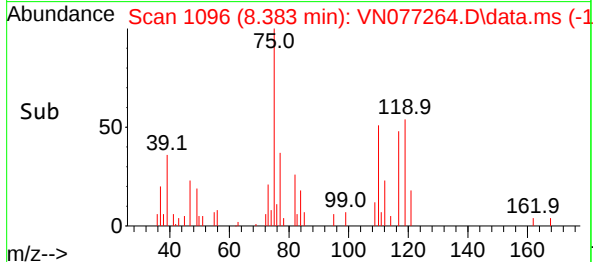
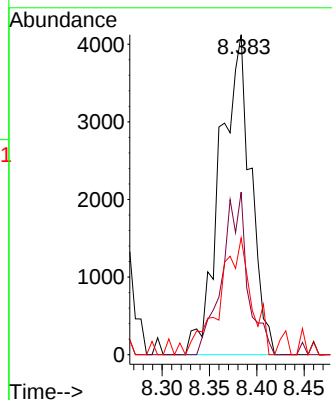
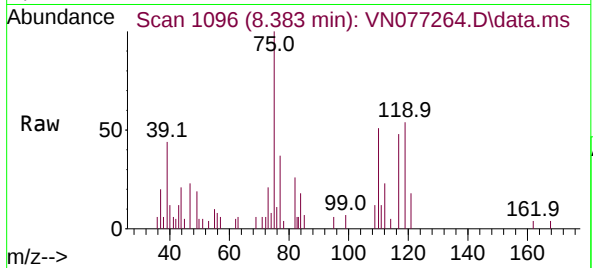
#36
1,1-Dichloropropene
Concen: 1.016 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
110 42.4 17.8 53.5
77 37.5 25.0 37.4

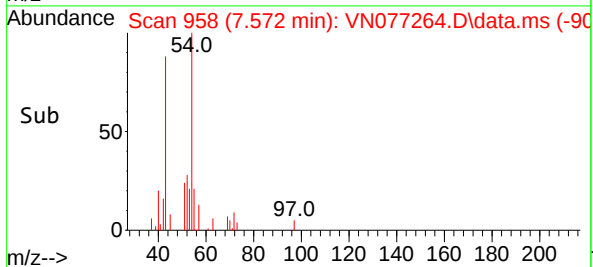
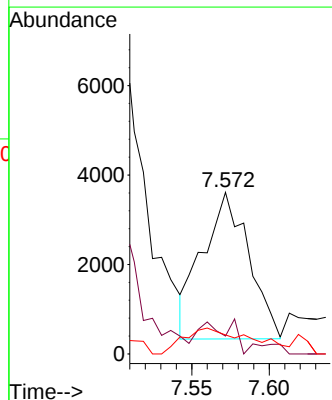
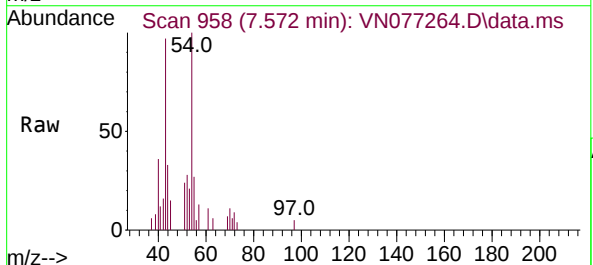
Manual Integrations
APPROVED

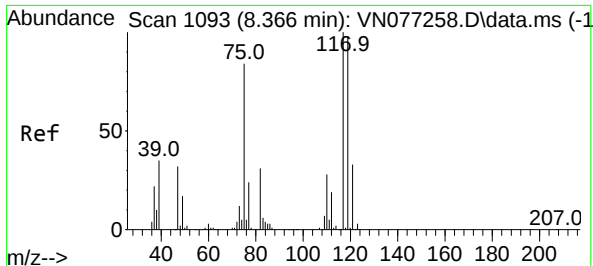
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#37
Ethyl Acetate
Concen: 0.856 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

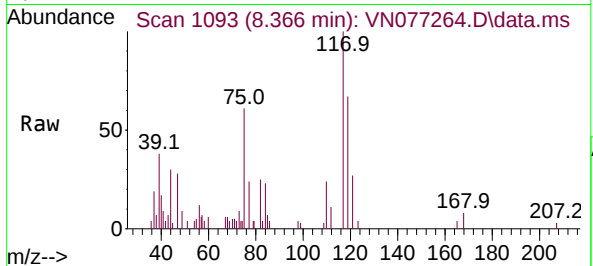
Tgt Ion: 43 Resp: 6817
Ion Ratio Lower Upper
43 100
61 17.5 12.2 18.2
70 26.0 10.0 15.0





#38
Carbon Tetrachloride
Concen: 1.038 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

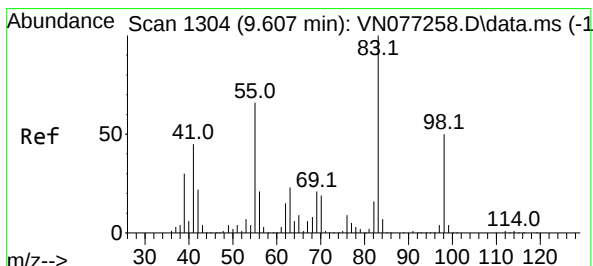
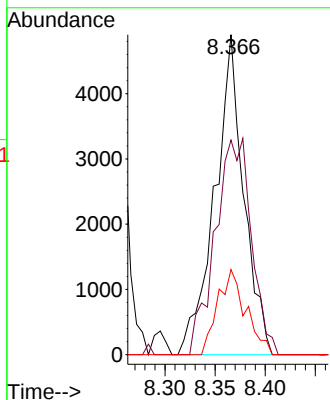
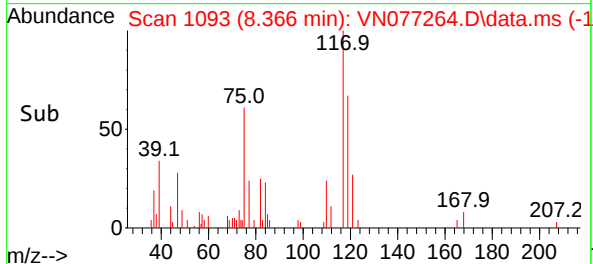
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 9840
Ion Ratio Lower Upper
117 100
119 67.0 78.5 117.7
121 26.6 26.6 40.0

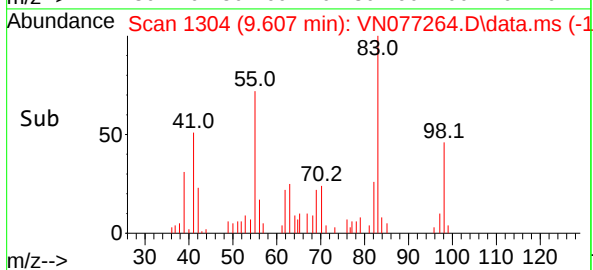
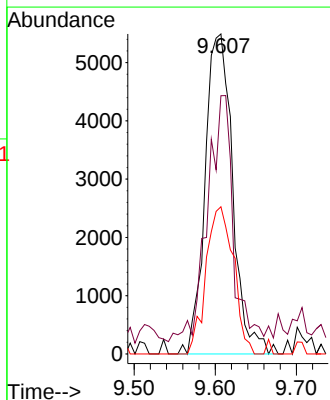
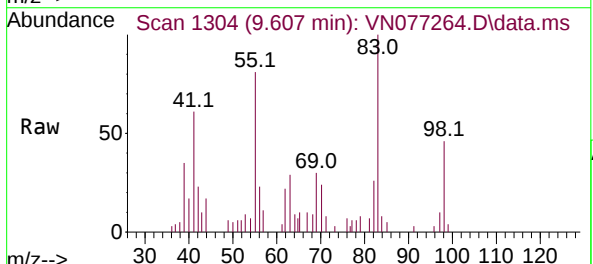
Manual Integrations
APPROVED

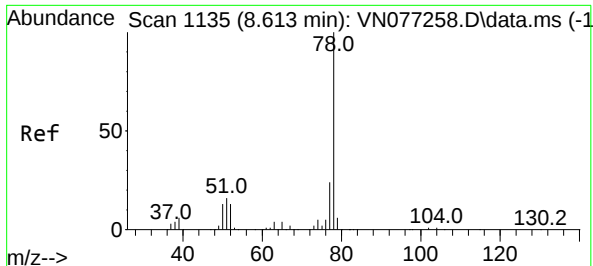
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#39
Methylcyclohexane
Concen: 1.047 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

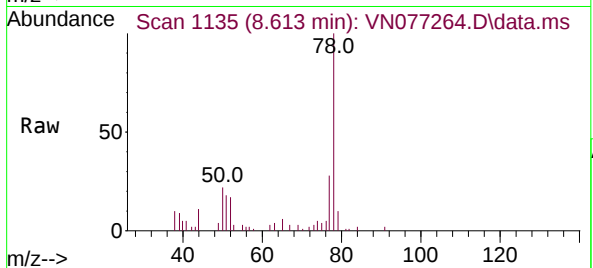
Tgt Ion: 83 Resp: 12954
Ion Ratio Lower Upper
83 100
55 74.7 52.4 78.6
98 46.0 39.8 59.6





#40
Benzene
Concen: 1.000 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

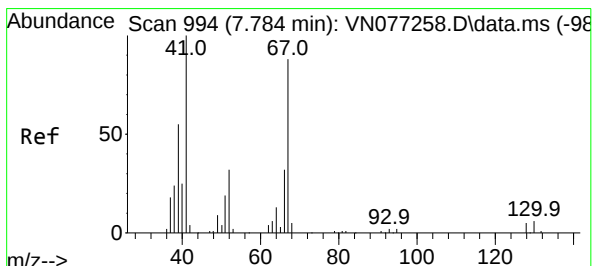
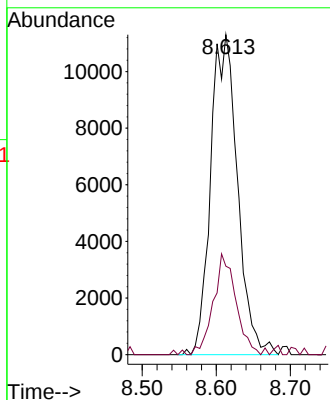
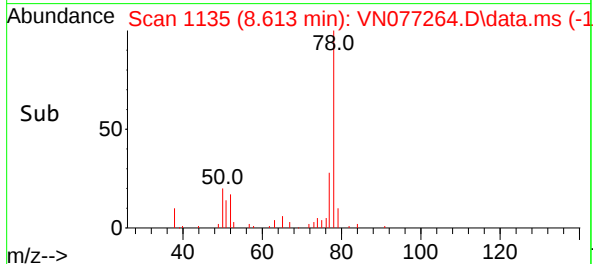
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



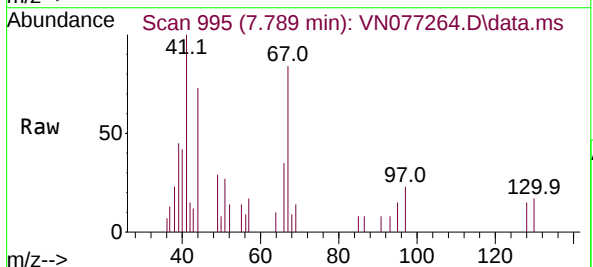
Tgt Ion: 78 Resp: 2843
Ion Ratio Lower Upper
78 100
77 27.7 19.5 29.3

Manual Integrations
APPROVED

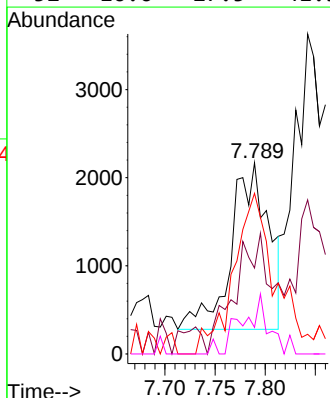
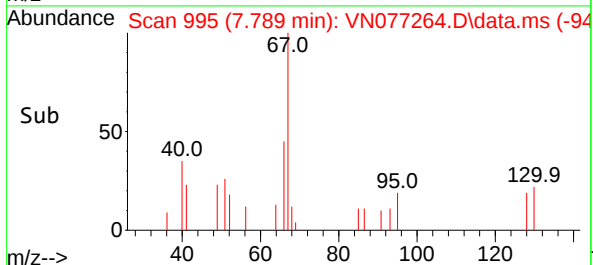
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

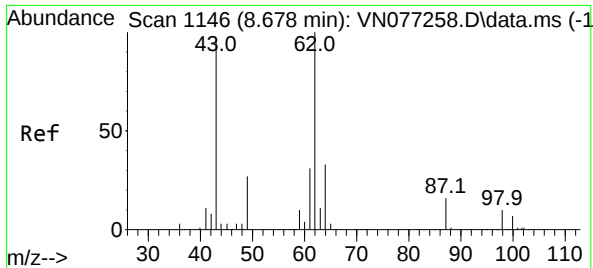


#41
Methacrylonitrile
Concen: 1.119 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28



Tgt Ion: 41 Resp: 4946
Ion Ratio Lower Upper
41 100
39 73.3 44.1 66.1#
67 106.9 71.4 107.2
52 16.6 27.5 41.3#





#42

1,2-Dichloroethane

Concen: 0.953 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 828

Ion Ratio Lower Upper

62 100

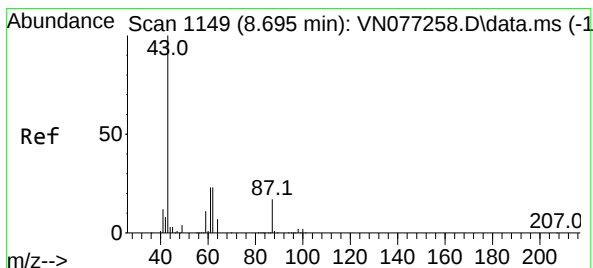
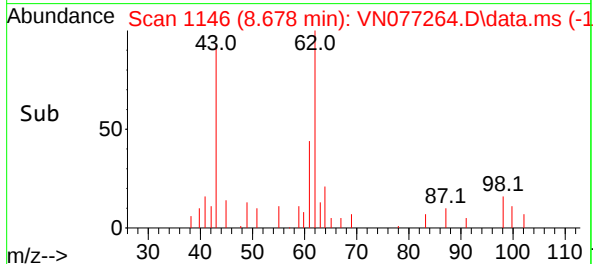
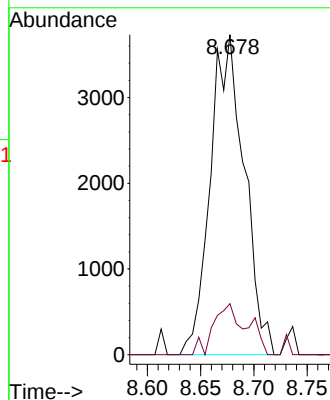
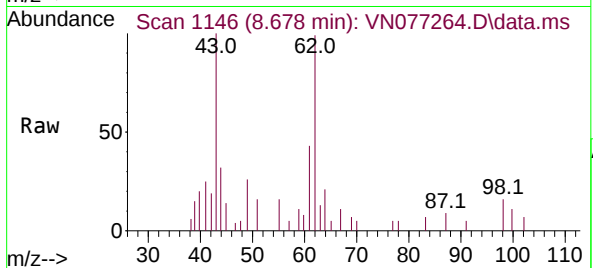
98 11.7 0.0 20.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#43

Isopropyl Acetate

Concen: 1.031 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

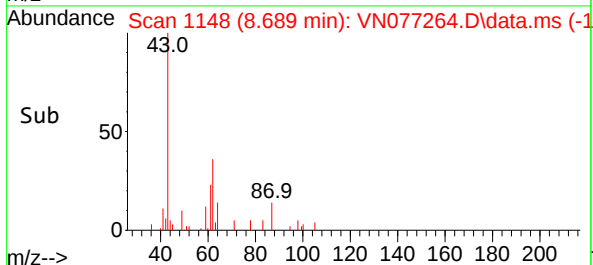
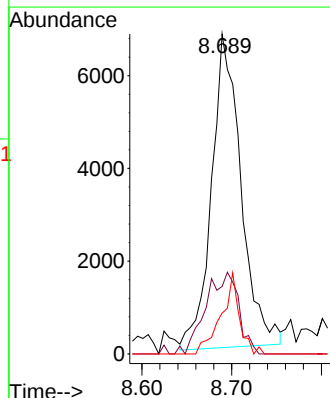
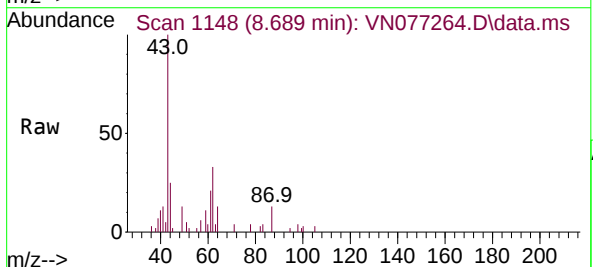
Tgt Ion: 43 Resp: 15441

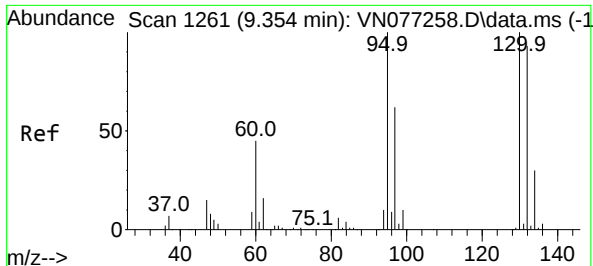
Ion Ratio Lower Upper

43 100

61 29.1 22.7 34.1

87 15.9 13.6 20.4





#44
Trichloroethene
Concen: 1.010 ug/l
RT: 9.360 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

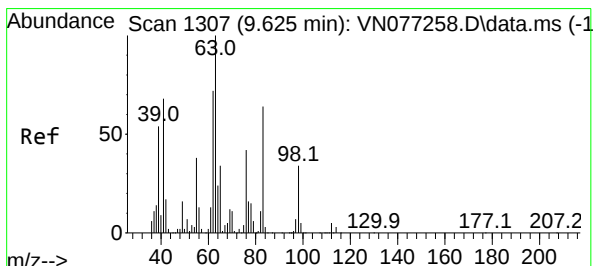
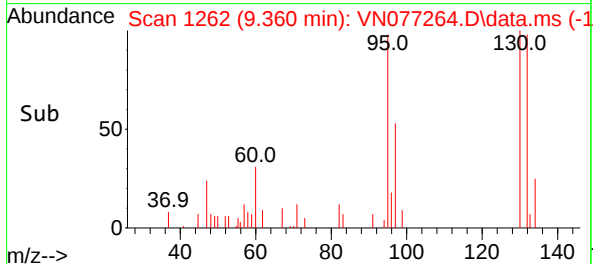
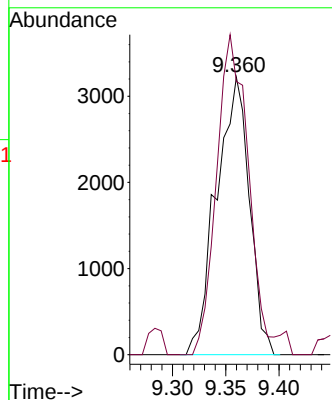
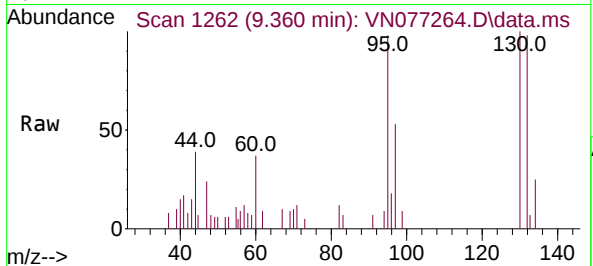
VSTDICC001

Tgt Ion:130 Resp: 6930
Ion Ratio Lower Upper
130 100
95 98.4 0.0 200.2

Manual Integrations

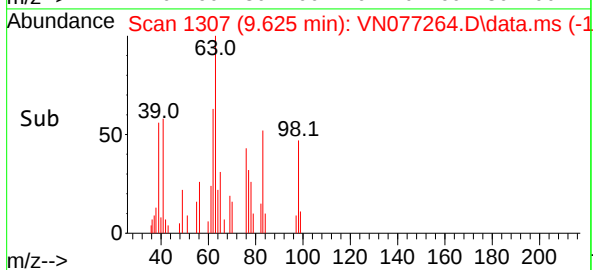
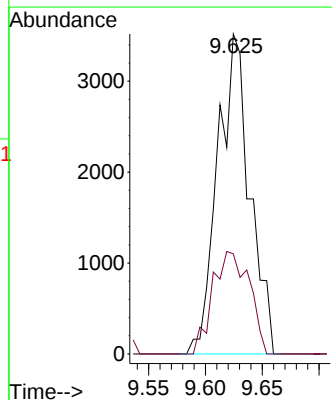
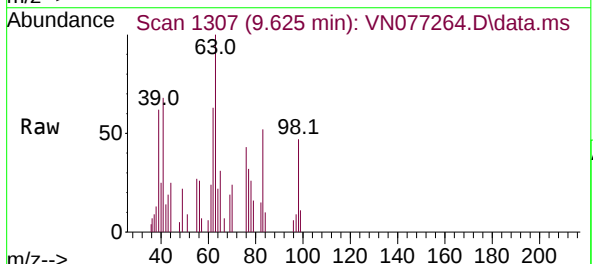
APPROVED

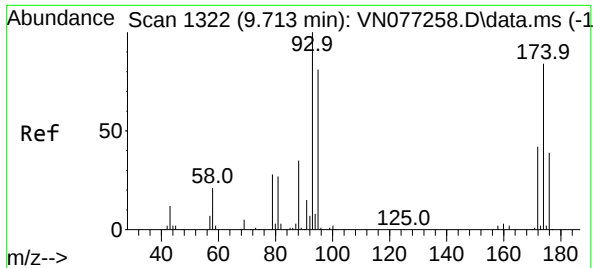
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#45
1,2-Dichloropropane
Concen: 0.995 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

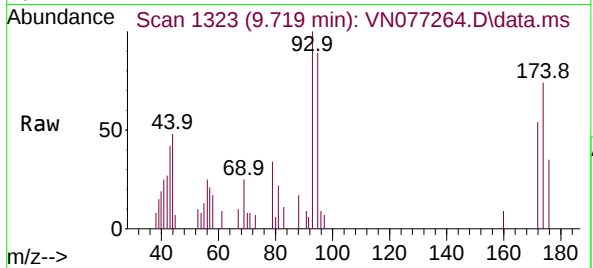
Tgt Ion: 63 Resp: 6883
Ion Ratio Lower Upper
63 100
65 31.3 27.1 40.7





#46
Dibromomethane
Concen: 0.949 ug/l
RT: 9.719 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

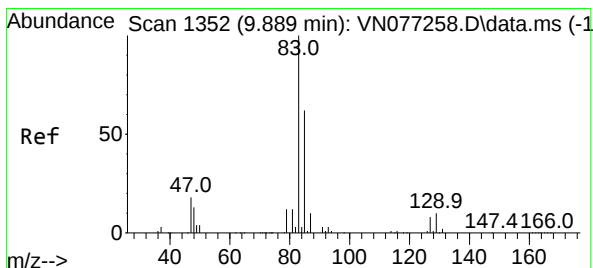
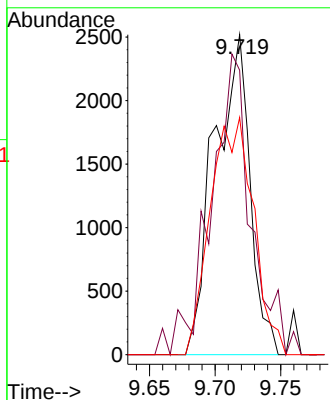
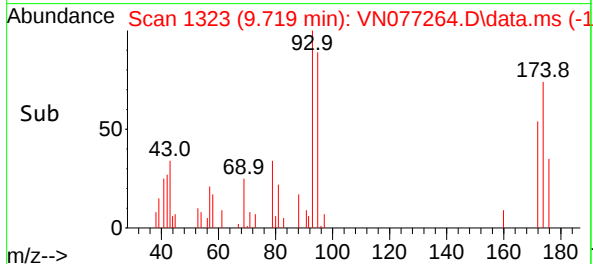
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



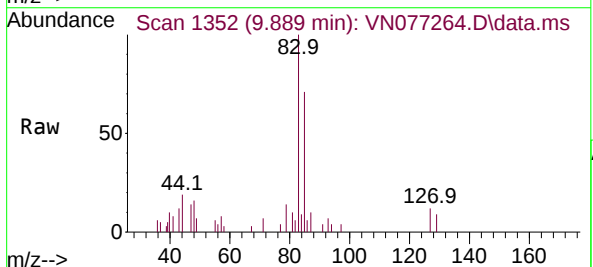
Tgt Ion: 93 Resp: 4764
Ion Ratio Lower Upper
93 100
95 106.1 65.8 98.6
174 89.3 66.0 99.0

Manual Integrations
APPROVED

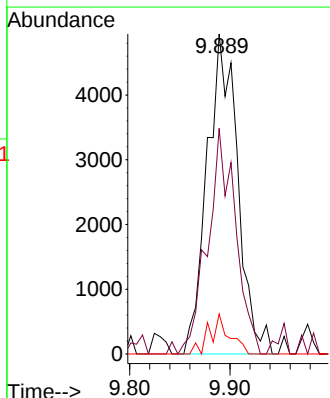
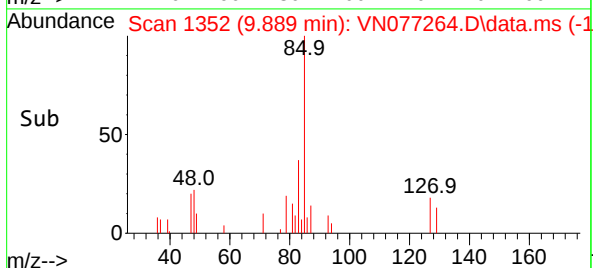
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

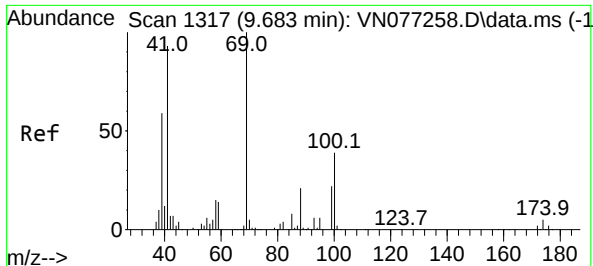


#47
Bromodichloromethane
Concen: 1.035 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28



Tgt Ion: 83 Resp: 10451
Ion Ratio Lower Upper
83 100
85 70.5 49.8 74.8
127 12.5 6.2 9.2#





#48

Methyl methacrylate

Concen: 0.893 ug/l

RT: 9.689 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 562

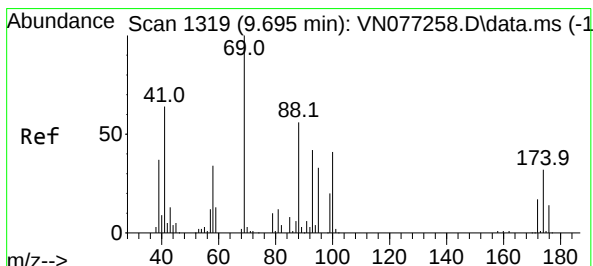
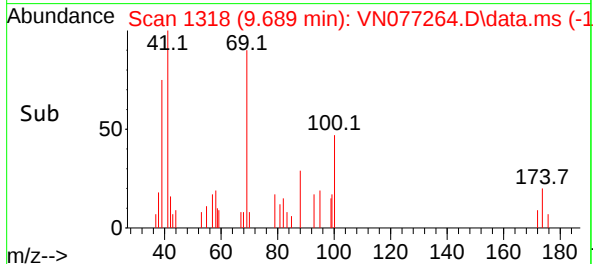
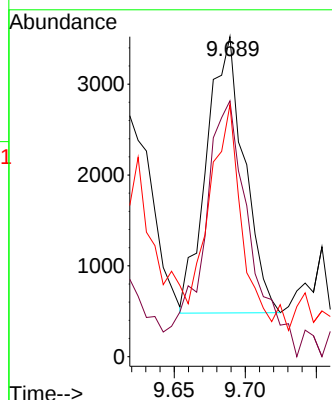
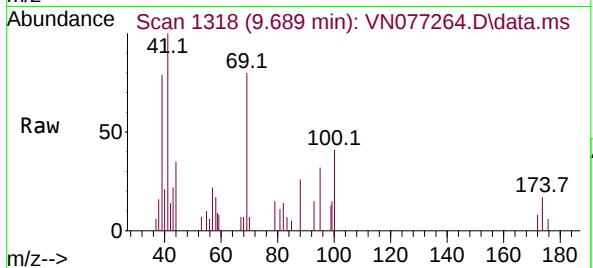
Ion	Ratio	Lower	Upper
41	100		
69	113.7	85.0	127.6
39	72.1	53.5	80.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#49

1,4-Dioxane

Concen: 22.575 ug/l

RT: 9.701 min Scan# 1320

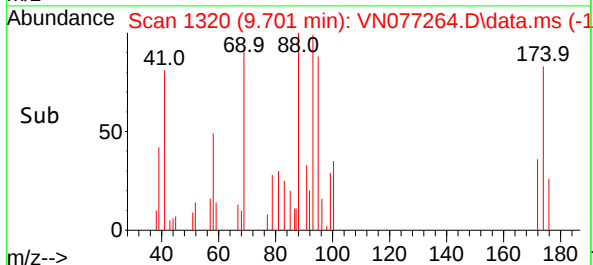
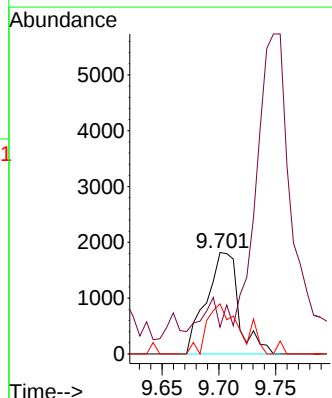
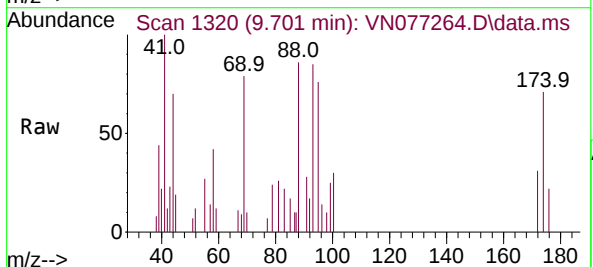
Delta R.T. 0.006 min

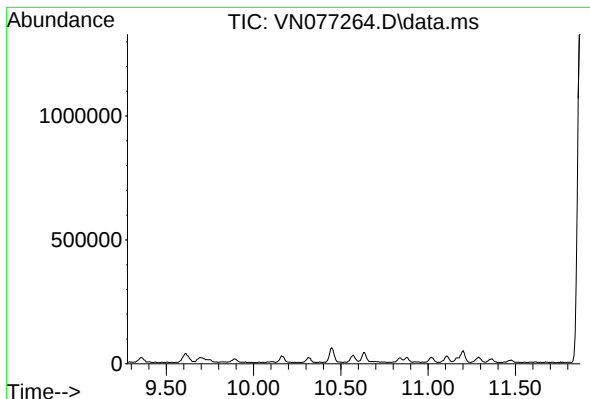
Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion: 88 Resp: 3617

Ion	Ratio	Lower	Upper
88	100		
43	13.7	17.0	25.6#
58	42.7	49.8	74.6#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

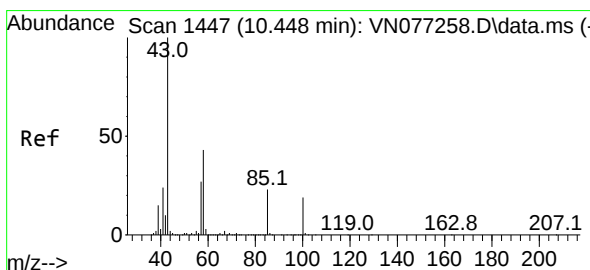
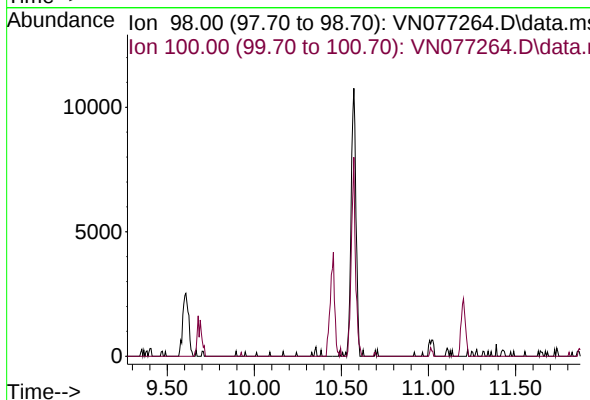
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.1

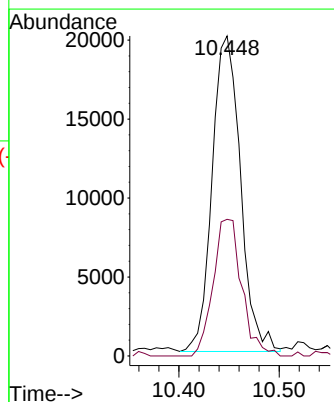
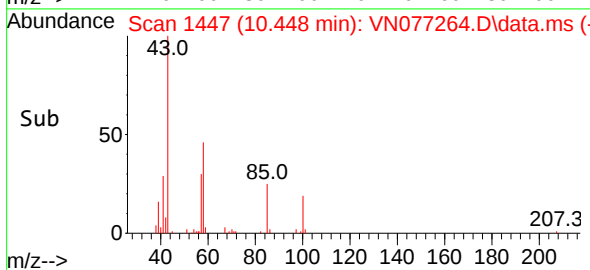
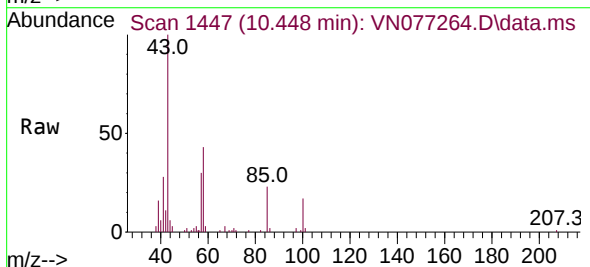
Manual Integrations
APPROVED

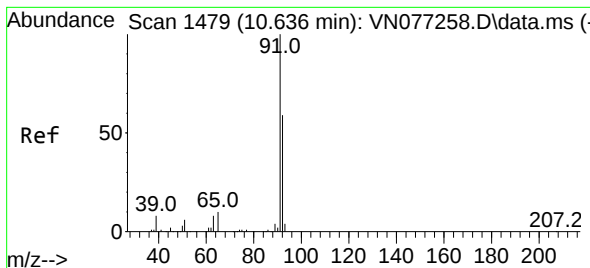
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#51
4-Methyl-2-Pentanone
Concen: 4.532 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 43 Resp: 39258
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0





#52

Toluene

Concen: 0.930 ug/l

RT: 10.630 min Scan# 1479

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 1725

Ion Ratio Lower Upper

92 100

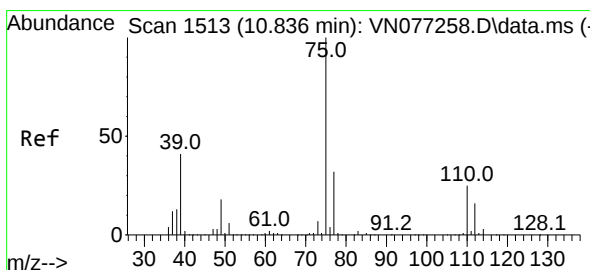
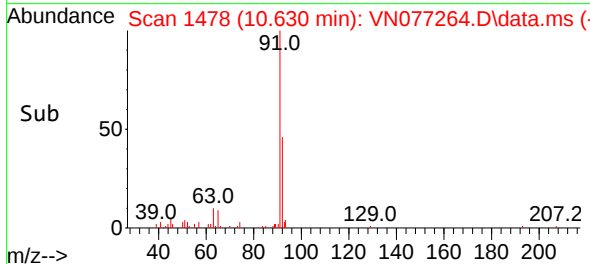
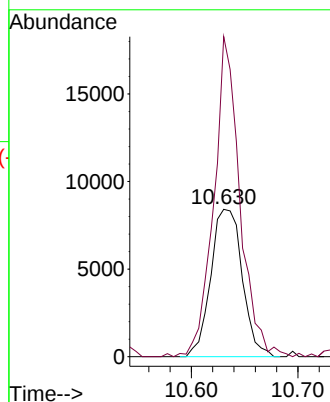
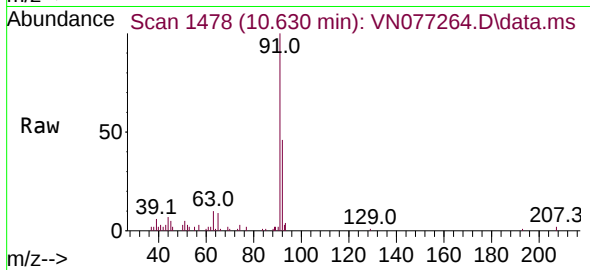
91 180.3 138.0 207.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#53

t-1,3-Dichloropropene

Concen: 0.929 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077264.D

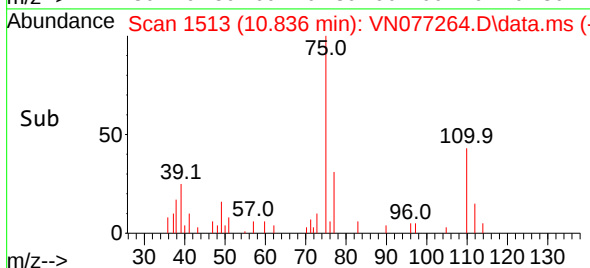
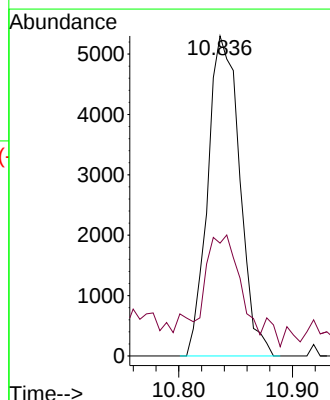
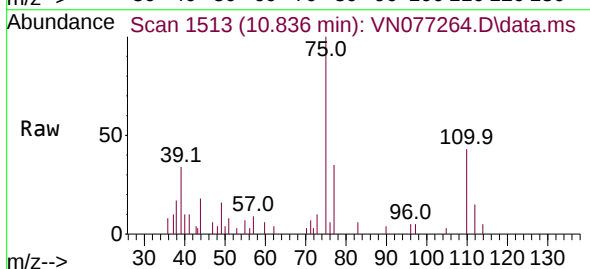
Acq: 05 Apr 2023 16:28

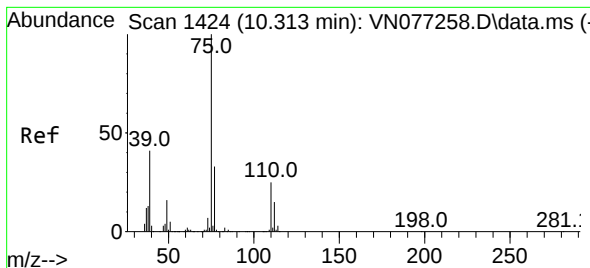
Tgt Ion: 75 Resp: 10314

Ion Ratio Lower Upper

75 100

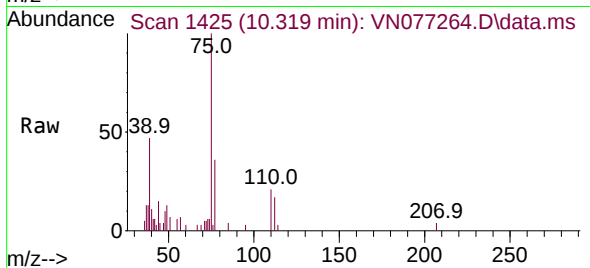
77 32.3 25.4 38.0





#54
cis-1,3-Dichloropropene
Concen: 0.946 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

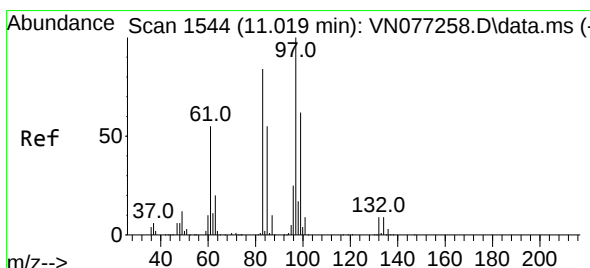
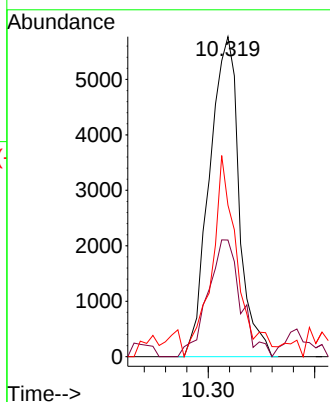
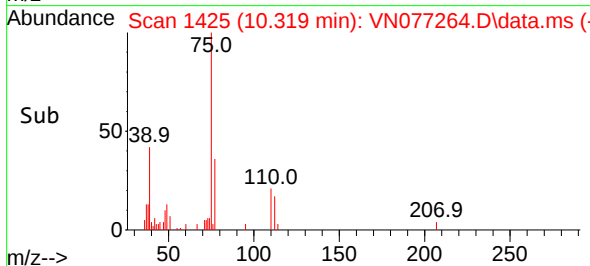
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 11168
Ion Ratio Lower Upper
75 100
77 36.5 26.7 40.1
39 44.3 32.8 49.2

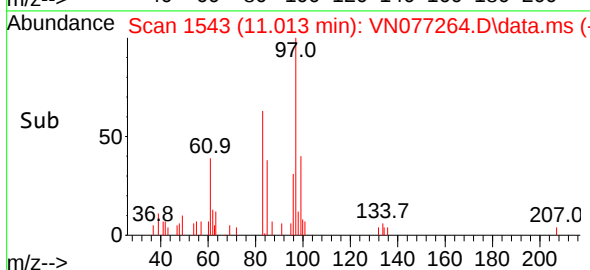
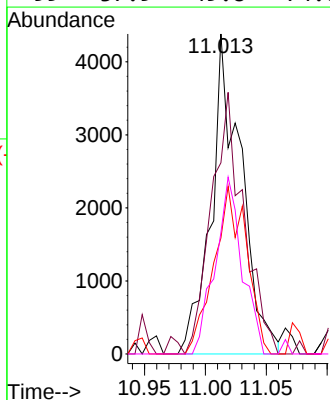
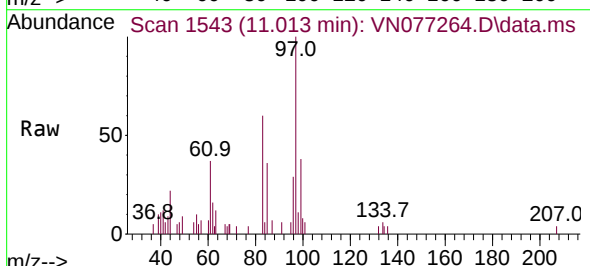
Manual Integrations
APPROVED

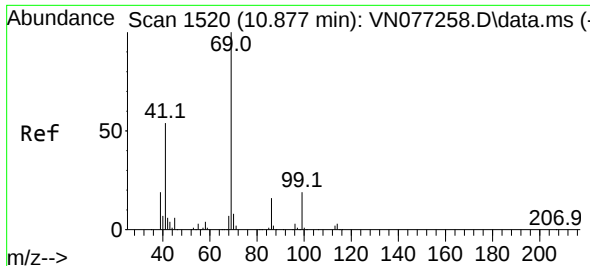
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#55
1,1,2-Trichloroethane
Concen: 1.027 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 97 Resp: 7518
Ion Ratio Lower Upper
97 100
83 59.7 67.4 101.2#
85 36.3 44.1 66.1#
99 37.9 49.8 74.6#





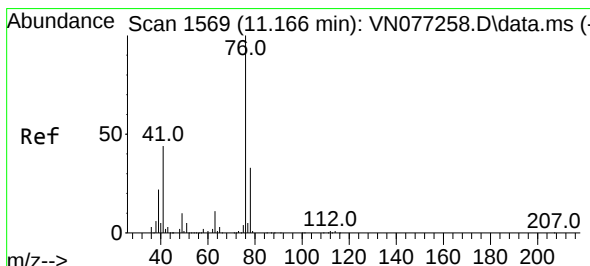
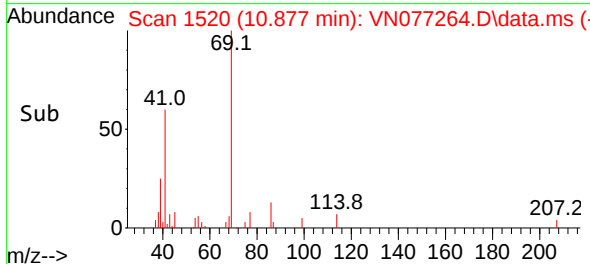
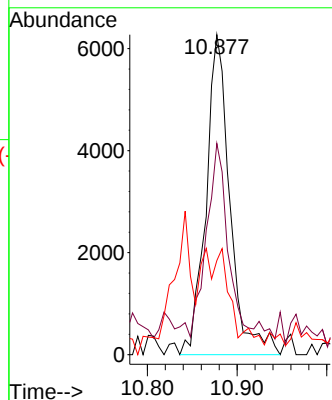
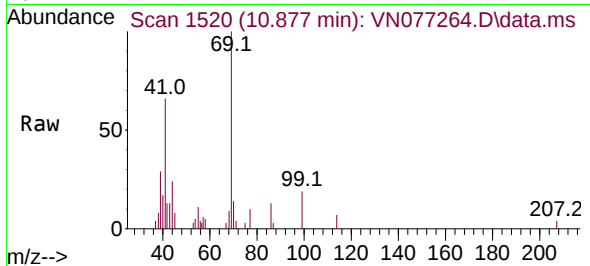
#56
Ethyl methacrylate
Concen: 1.008 ug/l
RT: 10.877 min Scan# 11630
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 11630
Ion Ratio Lower Upper
69 100
41 54.3 42.8 64.2
39 7.2 27.0 40.4

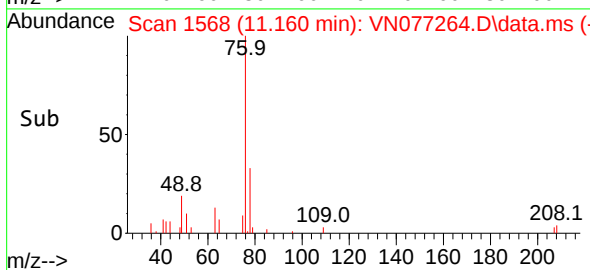
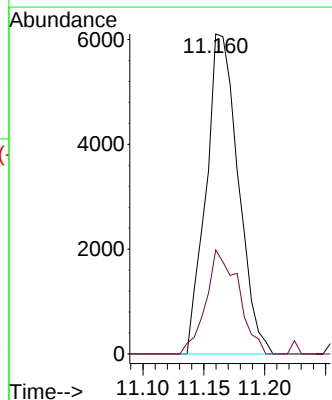
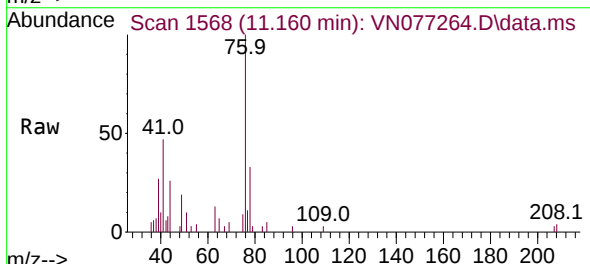
Manual Integrations
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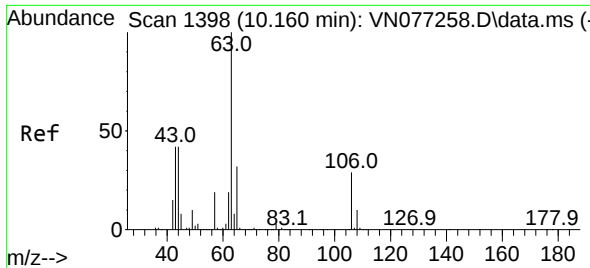
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#57
1,3-Dichloropropane
Concen: 0.942 ug/l
RT: 11.160 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

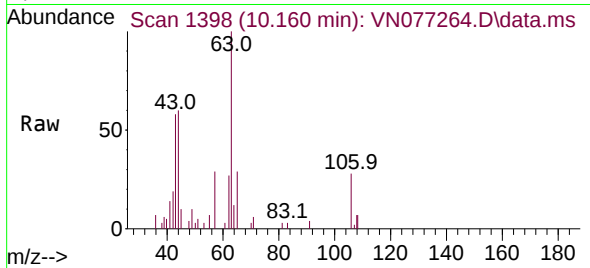
Tgt Ion: 76 Resp: 11238
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4





#58
2-Chloroethyl Vinyl ether
Concen: 4.079 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

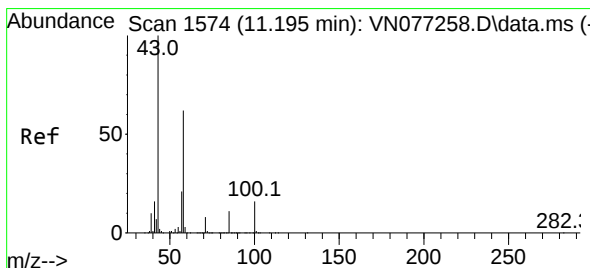
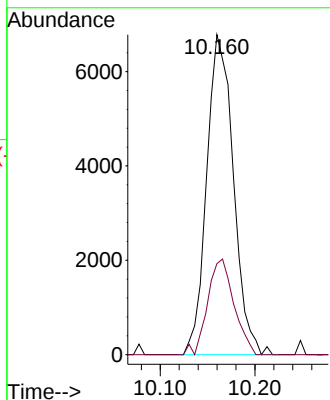
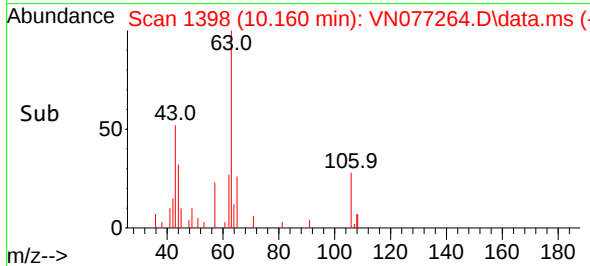
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



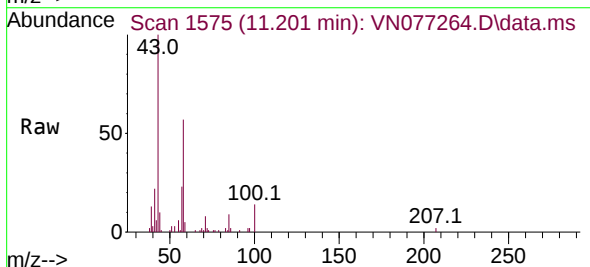
Tgt Ion: 63 Resp: 1333
Ion Ratio Lower Upper
63 100
106 29.4 24.1 36.1

Manual Integrations
APPROVED

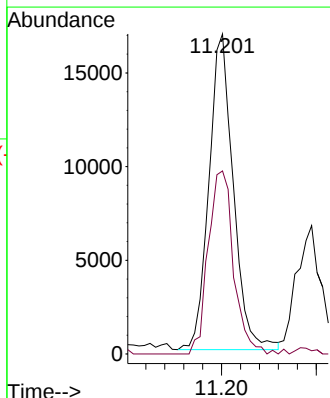
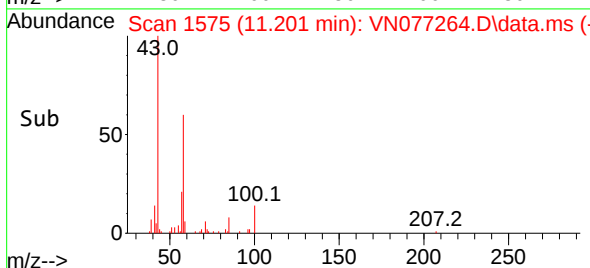
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

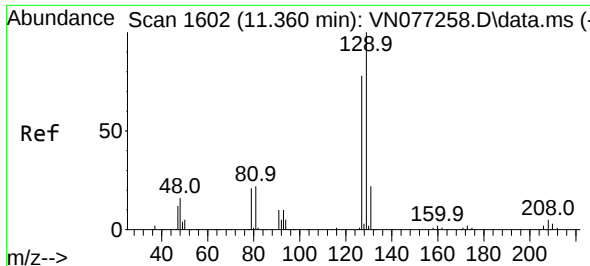


#59
2-Hexanone
Concen: 4.672 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28



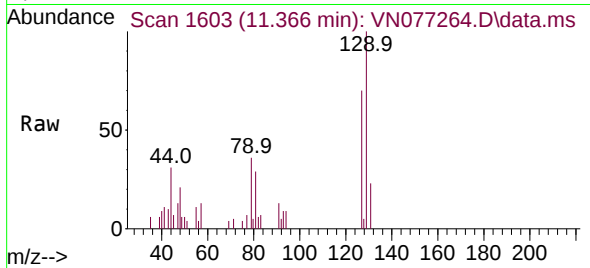
Tgt Ion: 43 Resp: 30072
Ion Ratio Lower Upper
43 100
58 60.3 30.9 92.5





#60
Dibromochloromethane
Concen: 0.934 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

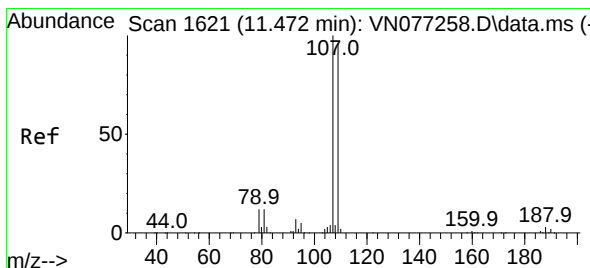
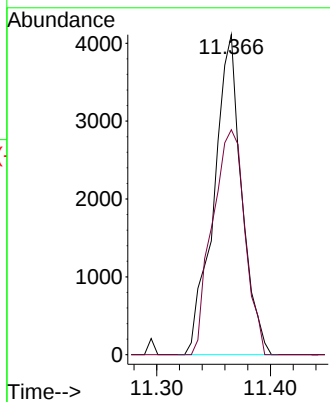
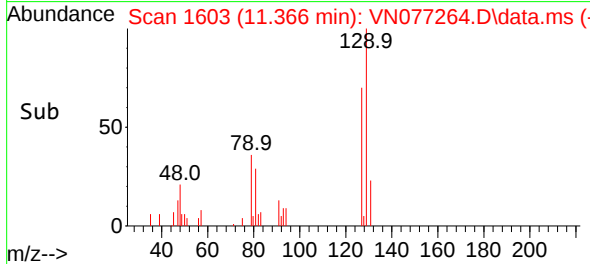
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



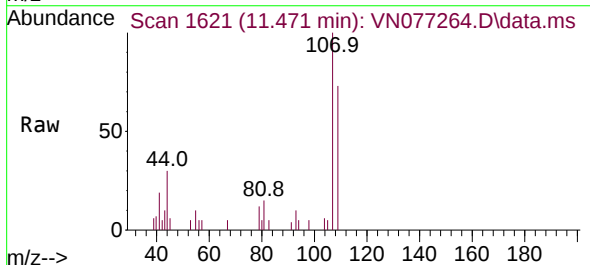
Tgt Ion:129 Resp: 7014
Ion Ratio Lower Upper
129 100
127 82.0 38.1 114.5

Manual Integrations
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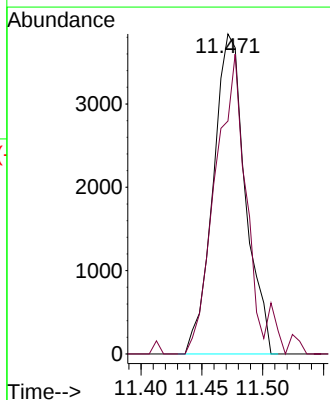
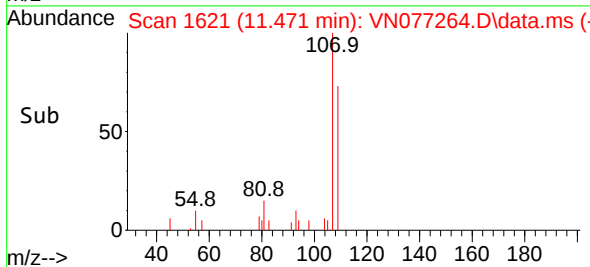
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

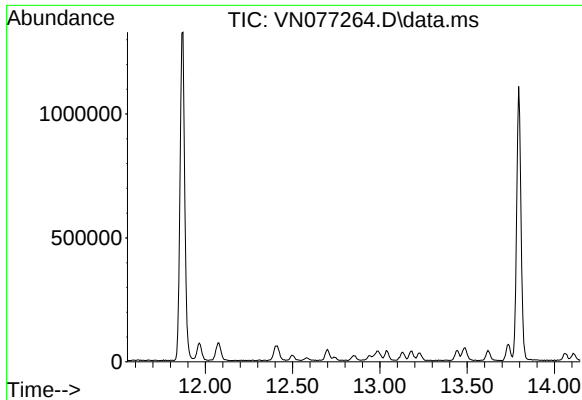


#61
1,2-Dibromoethane
Concen: 0.971 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28



Tgt Ion:107 Resp: 7064
Ion Ratio Lower Upper
107 100
109 87.7 75.2 112.8





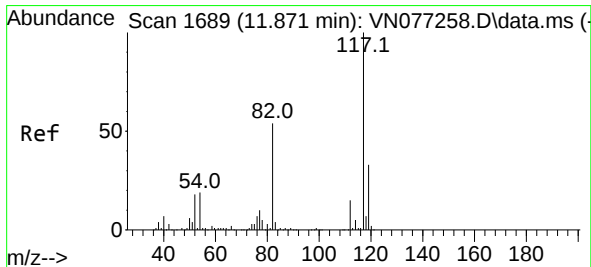
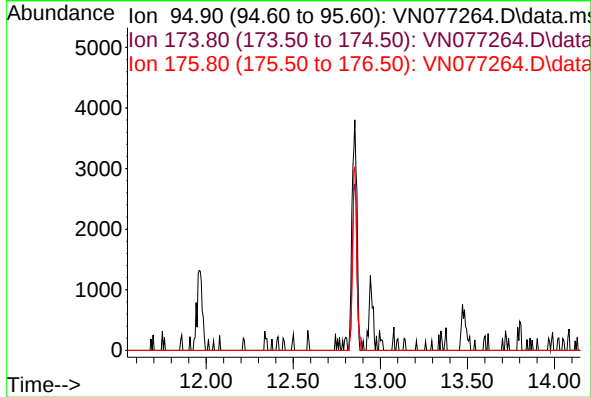
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 73.4
 176 69.8

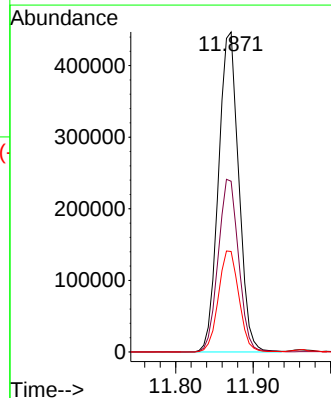
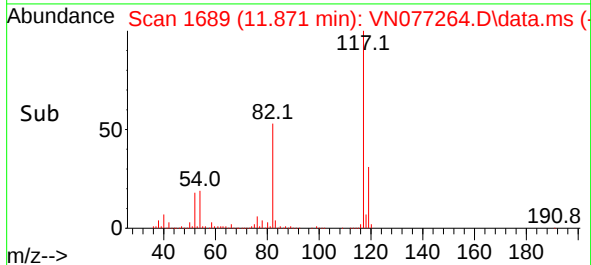
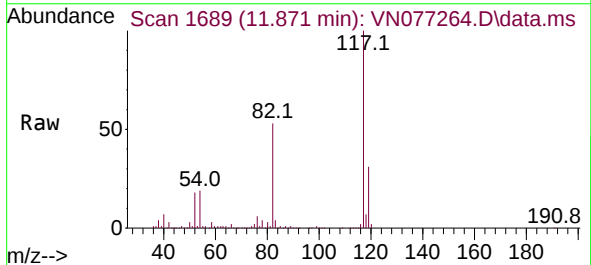
Manual Integrations
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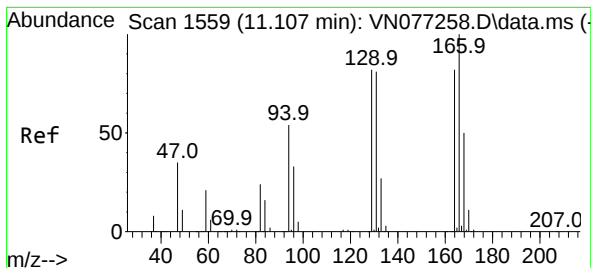
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1689
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion:117 Resp: 810202
 Ion Ratio Lower Upper
 117 100
 82 53.3 42.9 64.3
 119 31.4 26.2 39.4





#64

Tetrachloroethene

Concen: 1.116 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

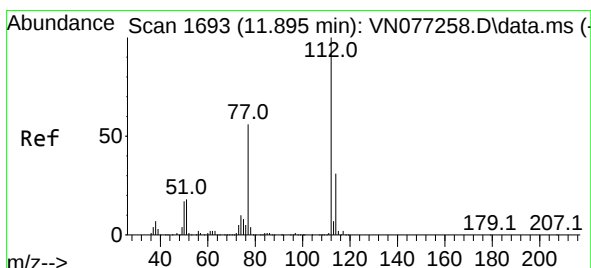
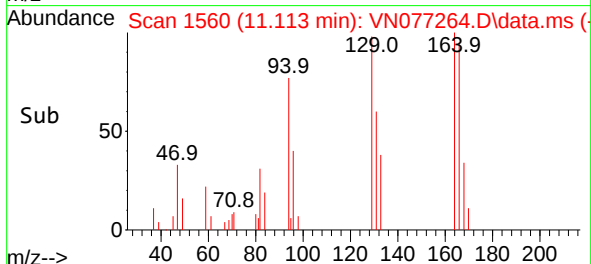
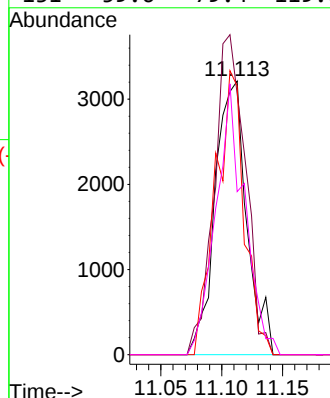
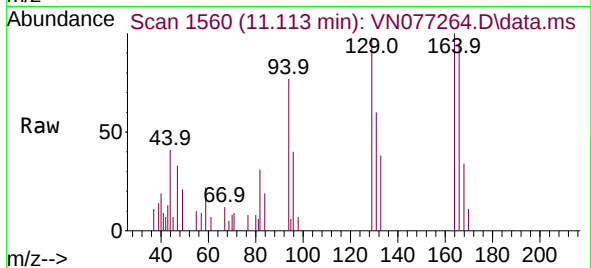
Tgt Ion:164	Resp:	581
Ion Ratio	Lower	Upper
164	100	
166	95.2	97.8 146.6
129	98.1	80.1 120.1
131	59.6	79.4 119.0

Manual Integrations

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Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#65

Chlorobenzene

Concen: 1.024 ug/l

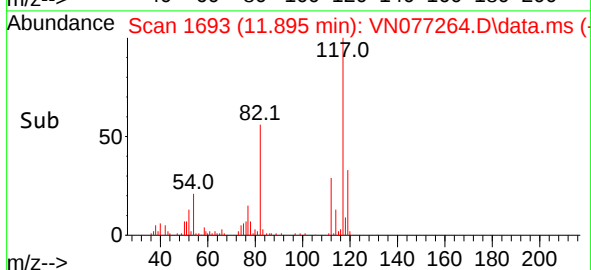
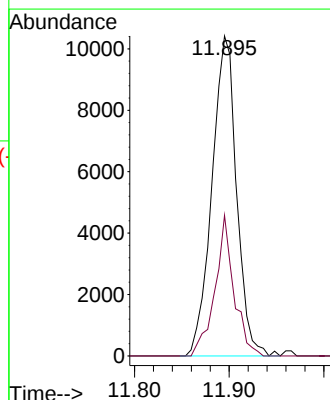
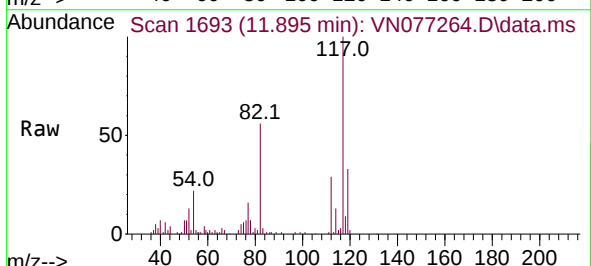
RT: 11.895 min Scan# 1693

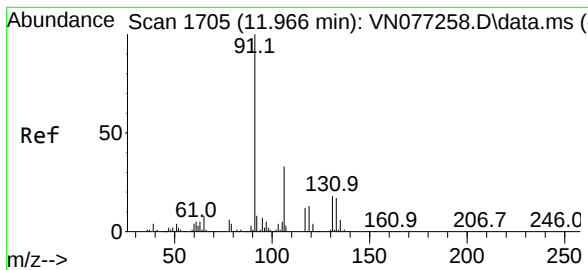
Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:112	Resp:	18862
Ion Ratio	Lower	Upper
112	100	
114	44.0	24.6 36.8





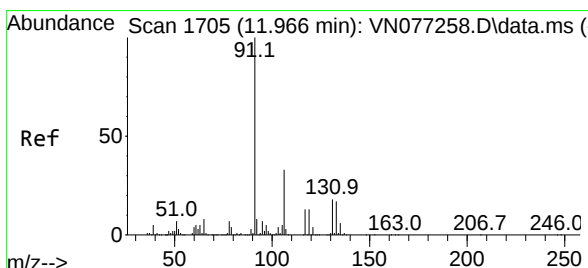
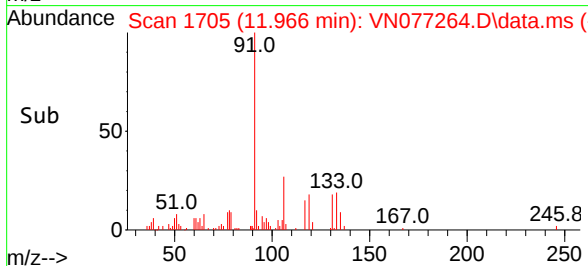
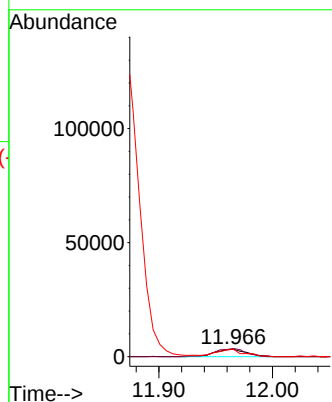
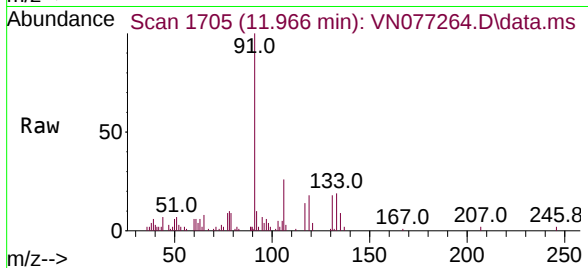
#66
1,1,1,2-Tetrachloroethane
Concen: 0.944 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 6223
Ion Ratio Lower Upper
131 100
133 107.9 46.9 140.6
119 0.0 34.0 102.0

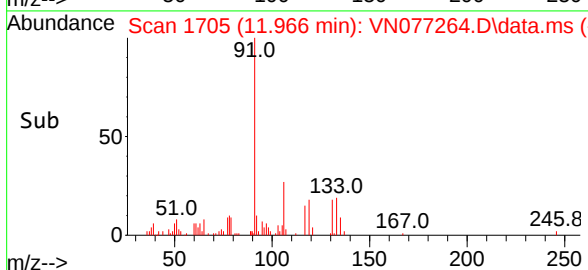
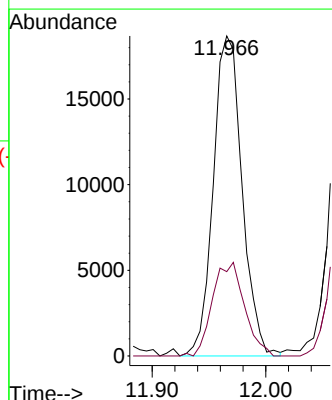
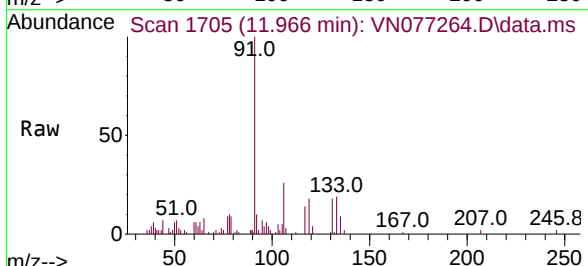
Manual Integrations
APPROVED

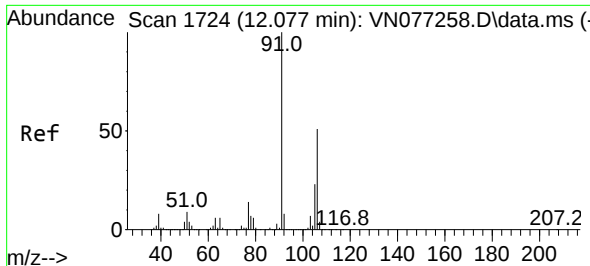
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#67
Ethyl Benzene
Concen: 0.987 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 91 Resp: 32942
Ion Ratio Lower Upper
91 100
106 26.4 26.2 39.2





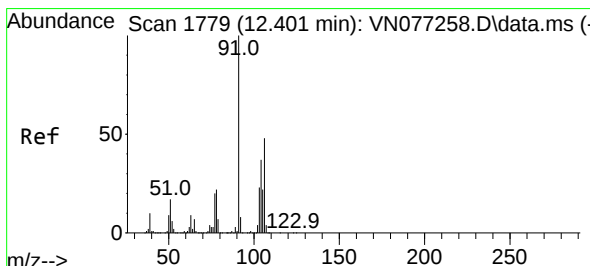
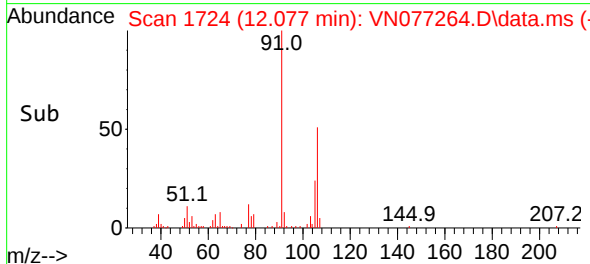
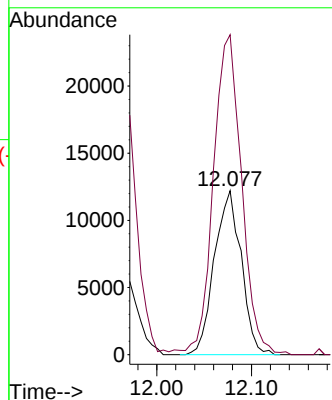
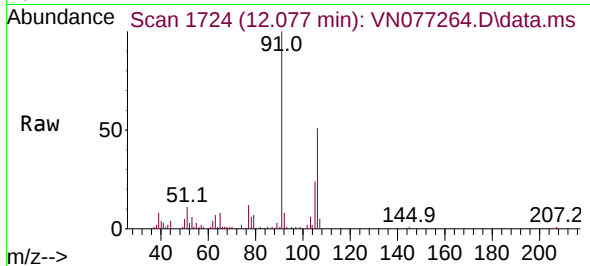
#68
m/p-Xylenes
Concen: 1.852 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 24014
Ion Ratio Lower Upper
106 100
91 205.6 158.7 238.1

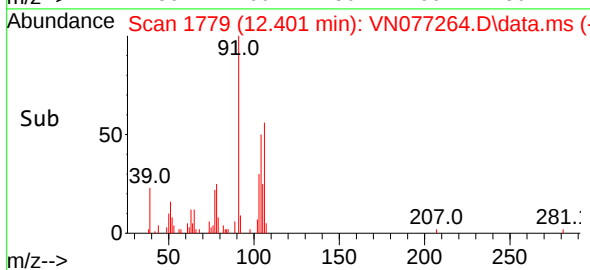
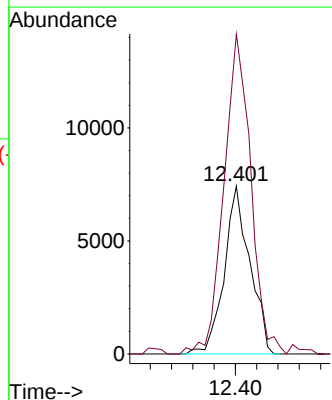
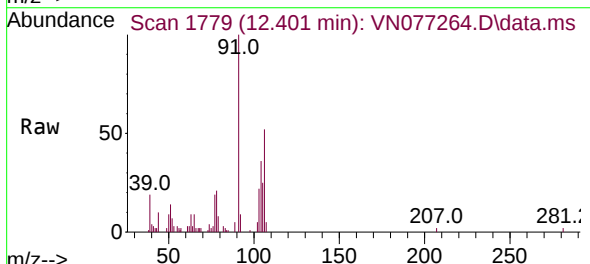
Manual Integrations
APPROVED

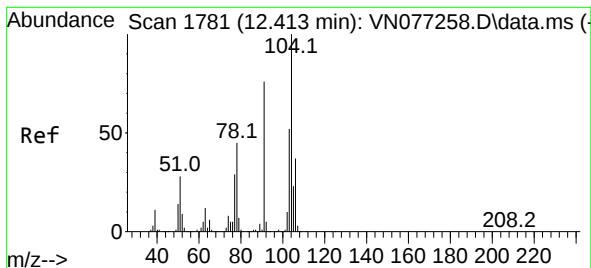
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#69
o-Xylene
Concen: 0.959 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:106 Resp: 12416
Ion Ratio Lower Upper
106 100
91 199.7 104.0 312.0





#70

Styrene

Concen: 0.879 ug/l

RT: 12.418 min Scan# 1781

Delta R.T. 0.005 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

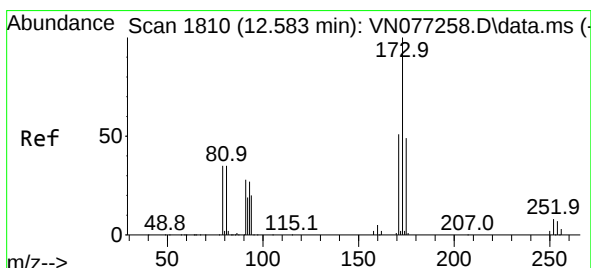
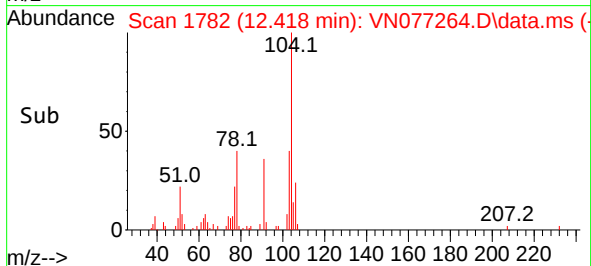
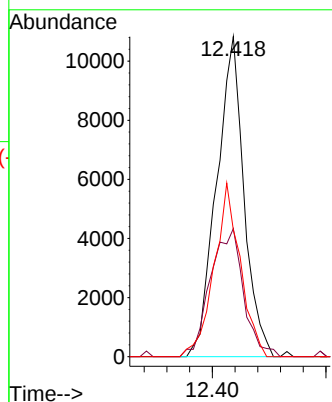
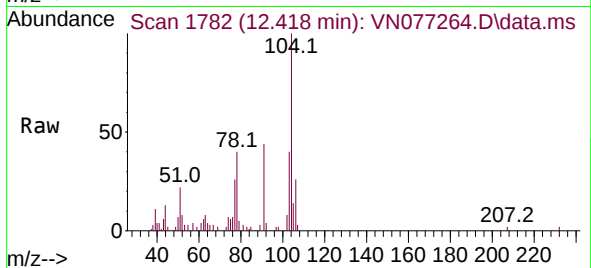
Tgt Ion:104	Resp:	1811
Ion Ratio	Lower	Upper
104	100	
78	48.4	38.0 57.0
103	51.8	43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#71

Bromoform

Concen: 0.933 ug/l

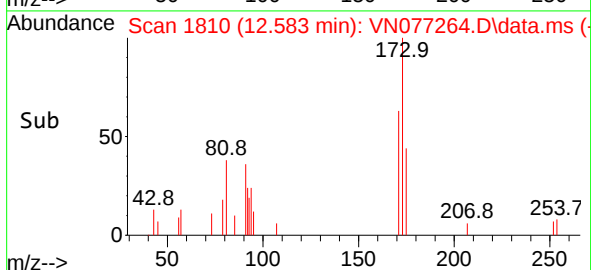
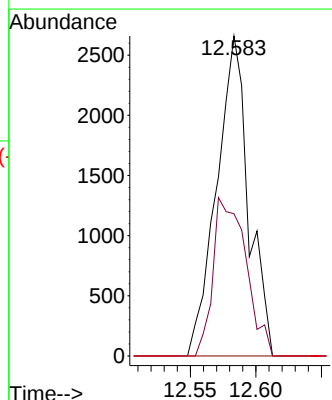
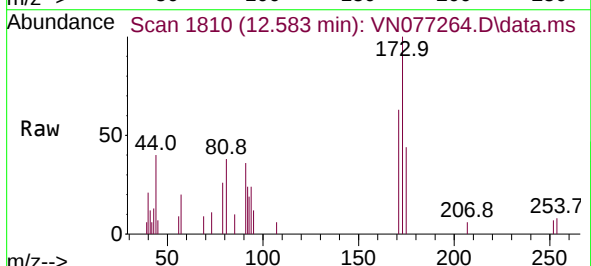
RT: 12.583 min Scan# 1810

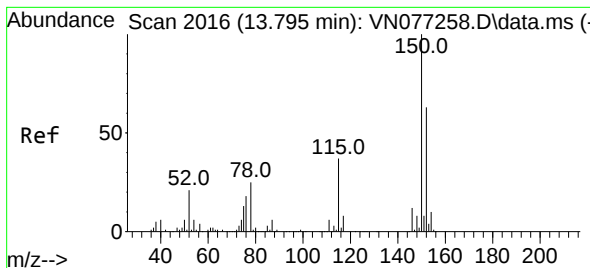
Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:173	Resp:	4503
Ion Ratio	Lower	Upper
173	100	
175	50.8	24.1 72.4
254	0.0	0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:152 Resp: 295989

Ion Ratio Lower Upper

152 100

115 61.3 32.1 96.3

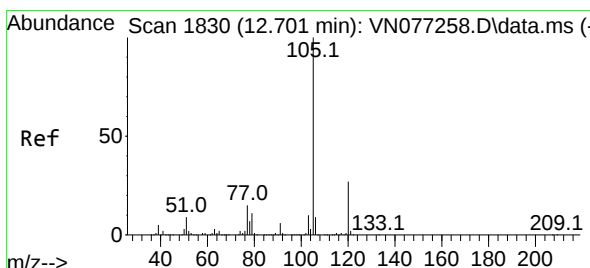
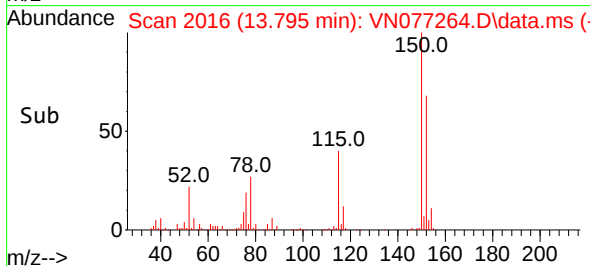
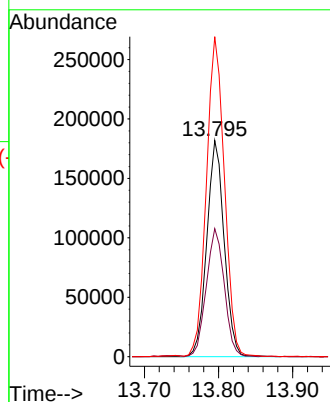
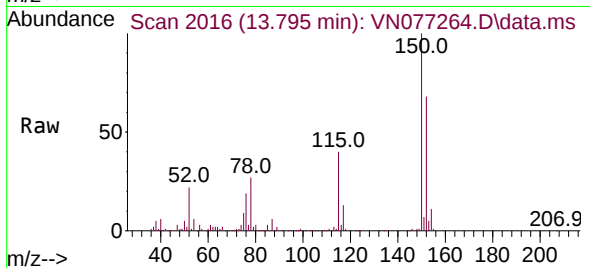
150 153.8 0.0 354.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#73

Isopropylbenzene

Concen: 1.035 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077264.D

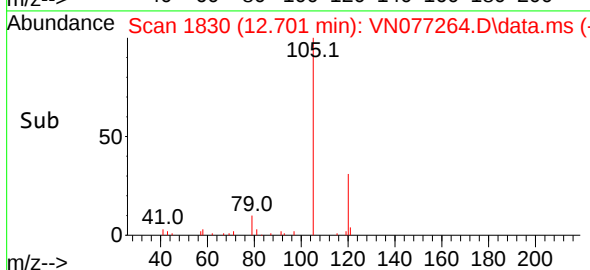
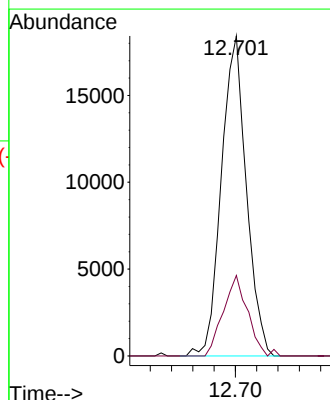
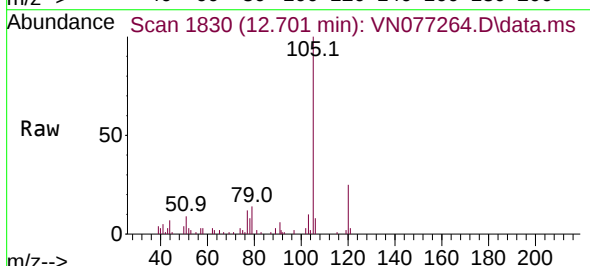
Acq: 05 Apr 2023 16:28

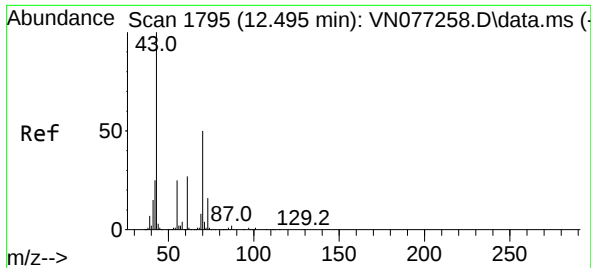
Tgt Ion:105 Resp: 29947

Ion Ratio Lower Upper

105 100

120 24.7 13.2 39.6





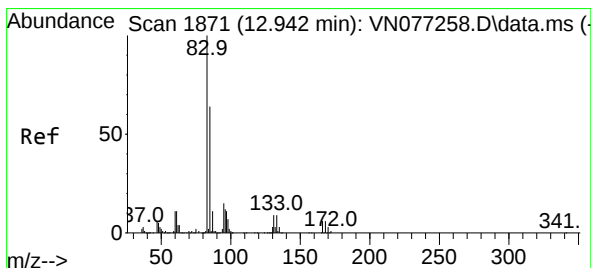
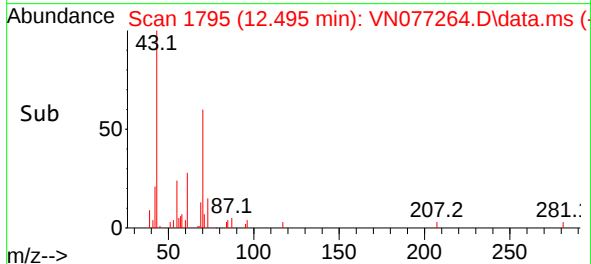
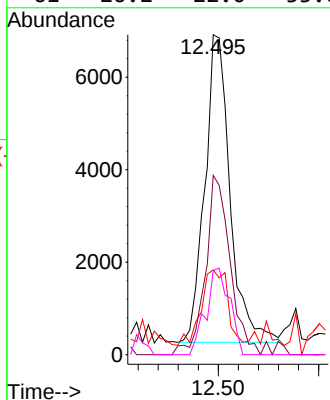
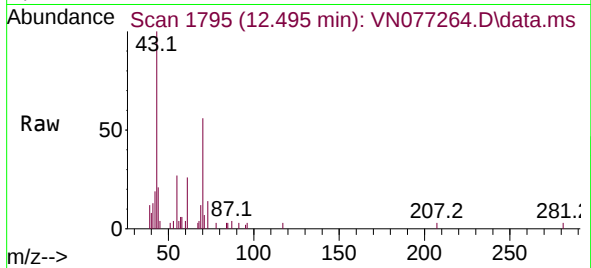
#74
N-amy1 acetate
Concen: 1.075 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43	Resp: 11629
Ion Ratio	Lower Upper
43 100	
70 56.5	41.0 61.6
55 25.5	19.3 28.9
61 26.2	22.0 33.0

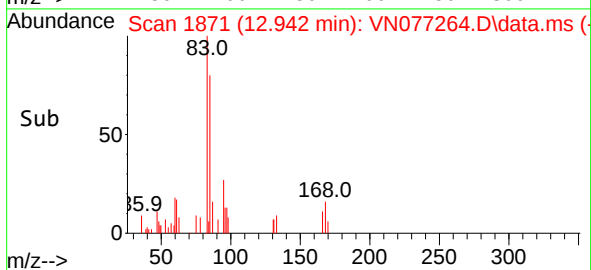
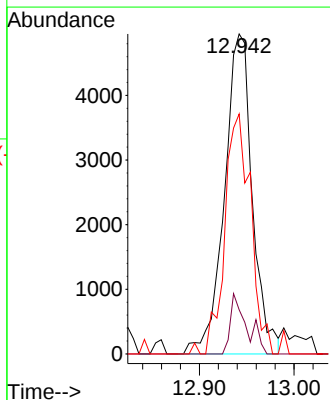
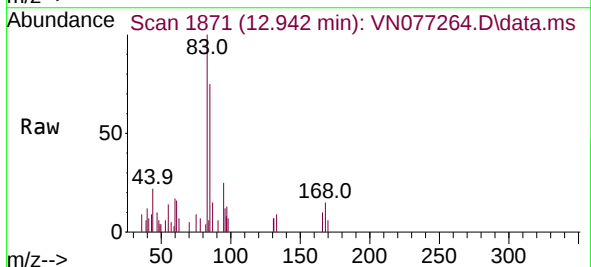
Manual Integrations
APPROVED

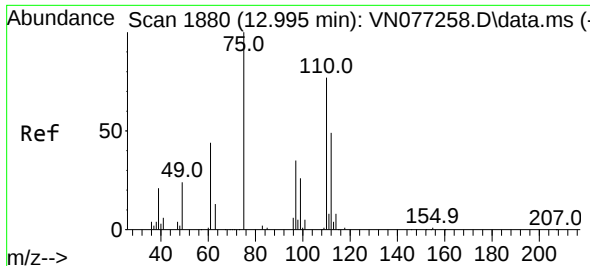
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.105 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

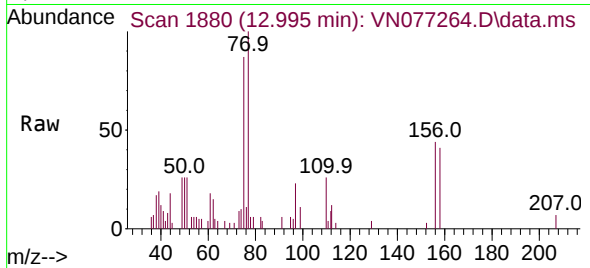
Tgt Ion: 83	Resp: 10130
Ion Ratio	Lower Upper
83 100	
131 11.1	4.9 14.6
85 69.9	32.1 96.3





#76
1,2,3-Trichloropropane
Concen: 1.112 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

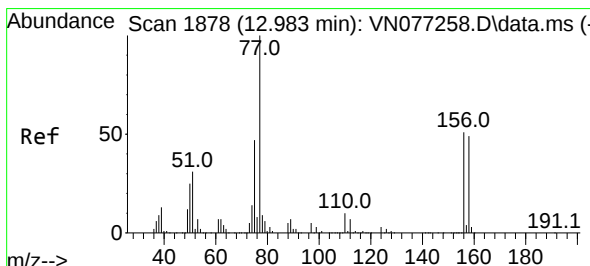
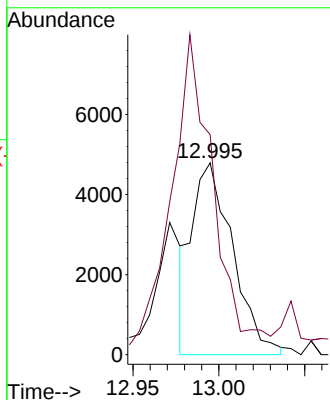
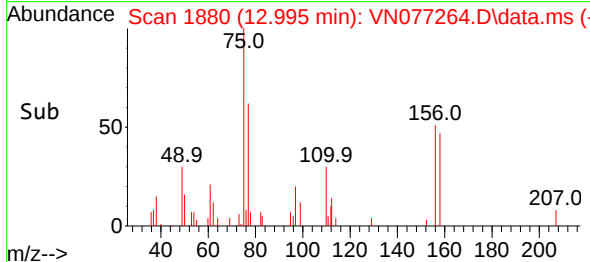
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



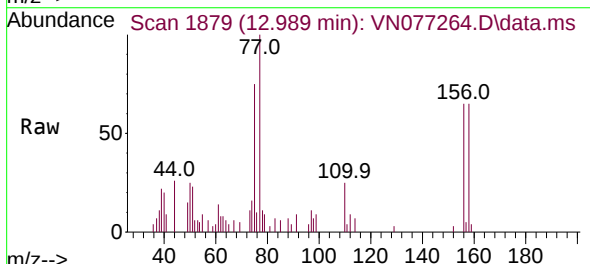
Tgt Ion: 75 Resp: 7862
Ion Ratio Lower Upper
75 100
77 177.3 88.3 264.9

Manual Integrations
APPROVED

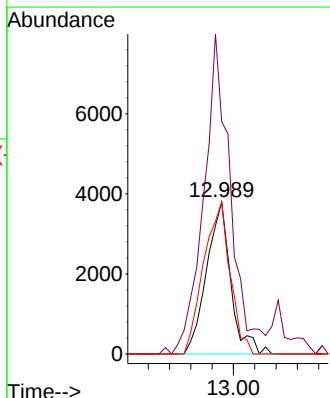
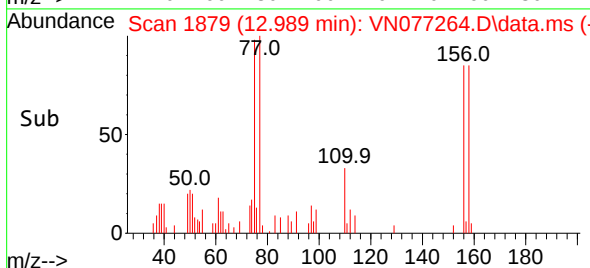
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

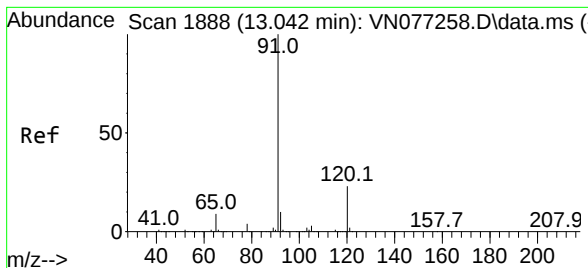


#77
Bromobenzene
Concen: 1.014 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28



Tgt Ion:156 Resp: 5988
Ion Ratio Lower Upper
156 100
77 232.8 115.3 345.8
158 109.4 49.3 147.8





#78

n-propylbenzene

Concen: 0.997 ug/l

RT: 13.036 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 31594

Ion Ratio Lower Upper

91 100

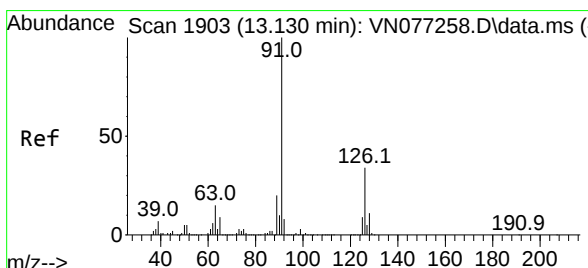
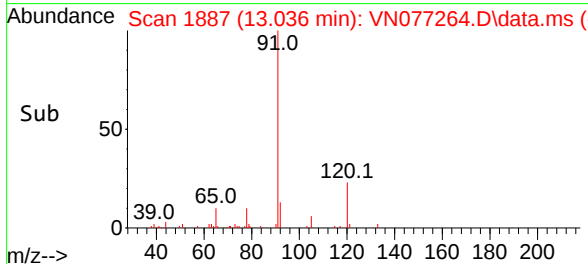
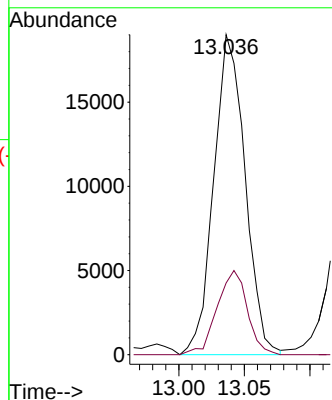
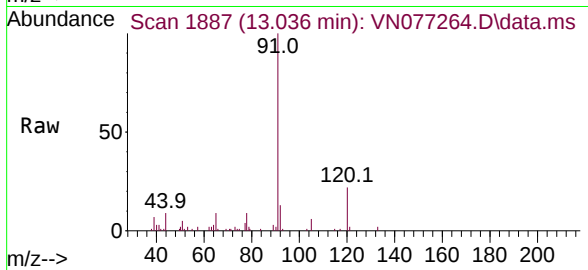
120 25.3 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#79

2-Chlorotoluene

Concen: 1.041 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN077264.D

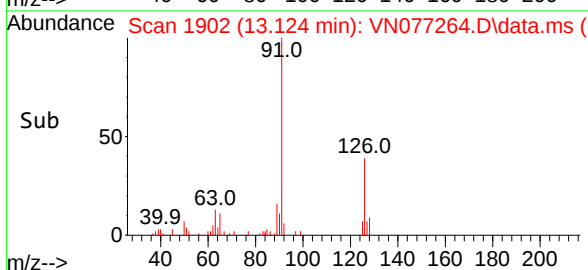
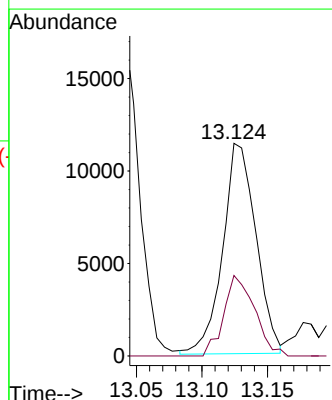
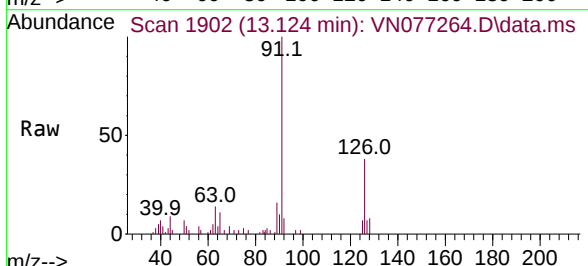
Acq: 05 Apr 2023 16:28

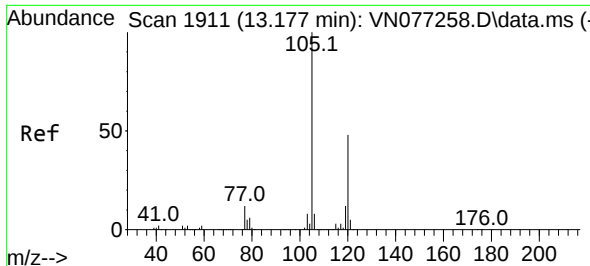
Tgt Ion: 91 Resp: 20078

Ion Ratio Lower Upper

91 100

126 35.4 16.8 50.4





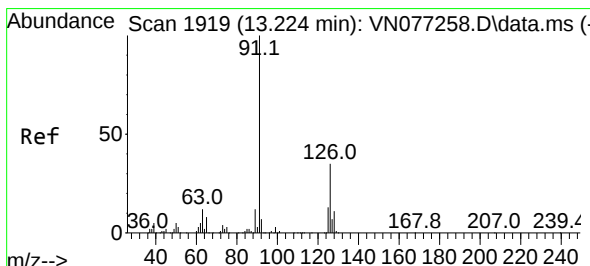
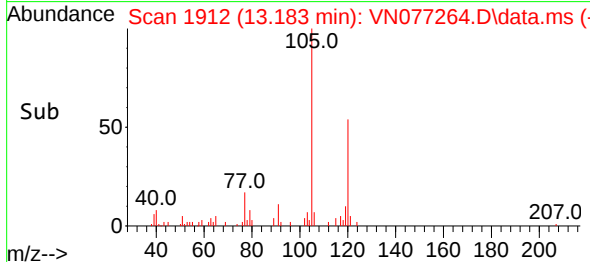
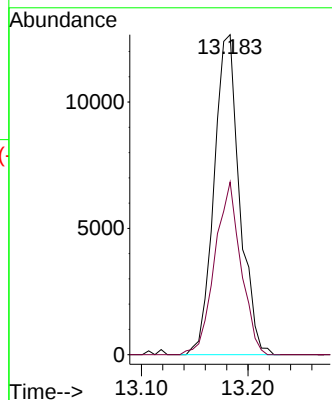
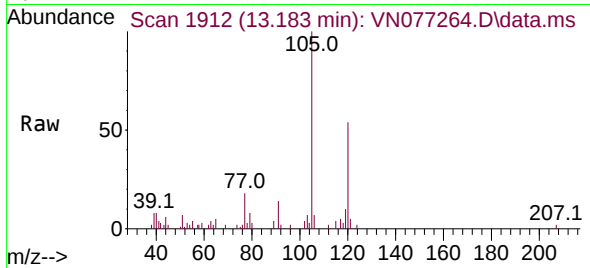
#80
1,3,5-Trimethylbenzene
Concen: 0.915 ug/l
RT: 13.183 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 21084
Ion Ratio Lower Upper
105 100
120 55.1 24.3 73.0

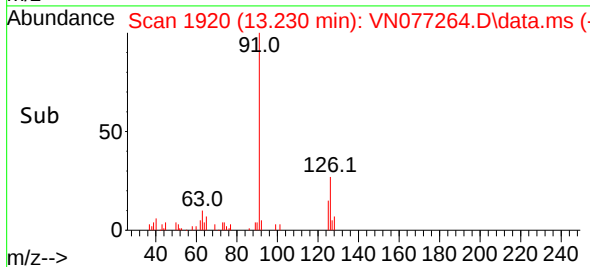
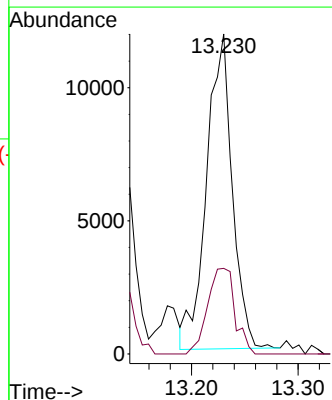
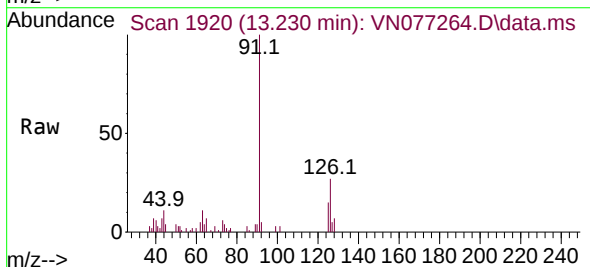
Manual Integrations
APPROVED

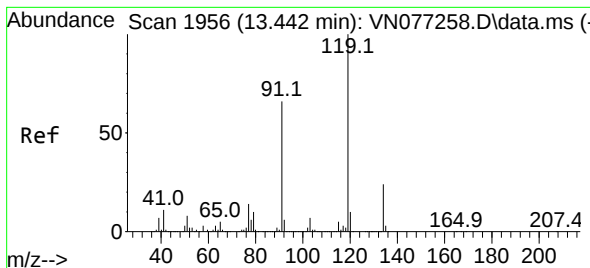
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 1.077 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 91 Resp: 19810
Ion Ratio Lower Upper
91 100
126 28.9 16.9 50.7





#83

tert-Butylbenzene

Concen: 1.022 ug/l

RT: 13.436 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

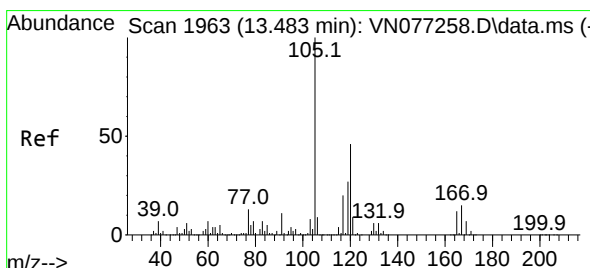
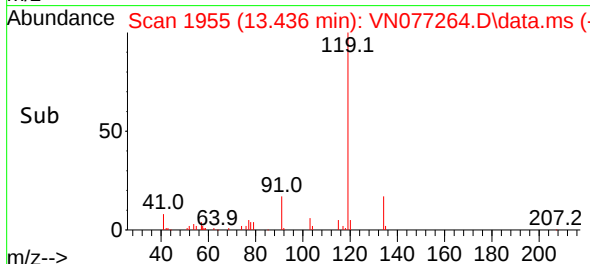
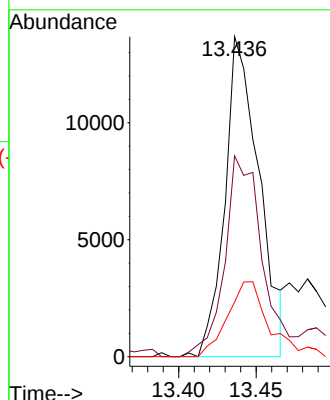
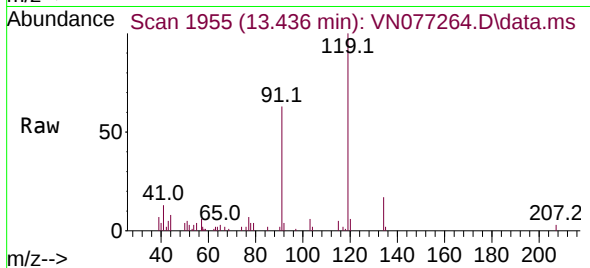
Tgt Ion:	119	Resp:	2102
Ion Ratio	Lower	Upper	
119	100		
91	69.3	33.5	100.4
134	28.7	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.831 ug/l

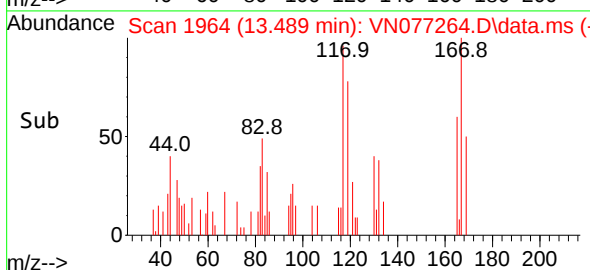
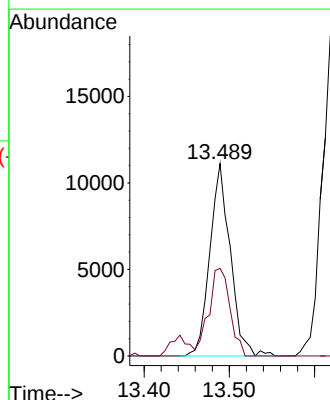
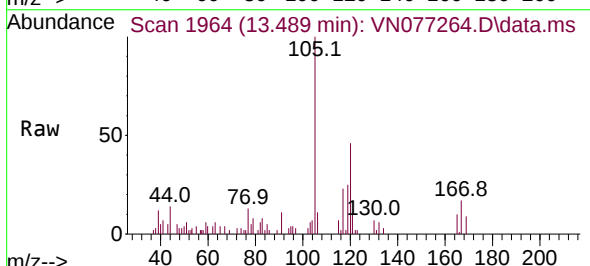
RT: 13.489 min Scan# 1964

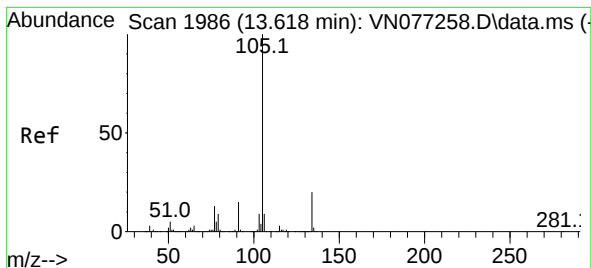
Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:	105	Resp:	18543
Ion Ratio	Lower	Upper	
105	100		
120	47.0	22.5	67.5





#85

sec-Butylbenzene

Concen: 1.005 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 2906

Ion Ratio Lower Upper

105 100

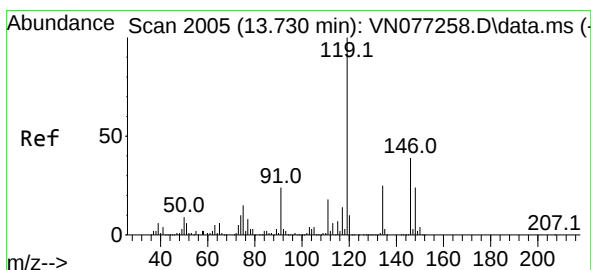
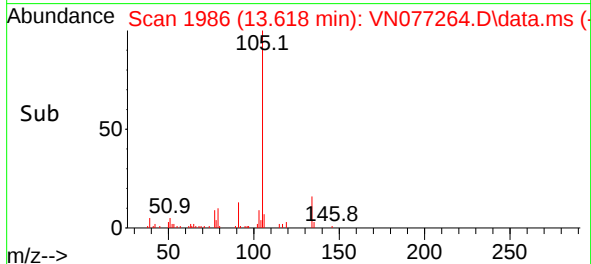
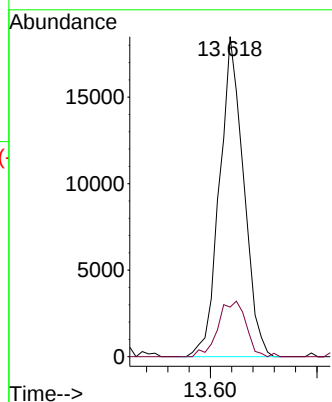
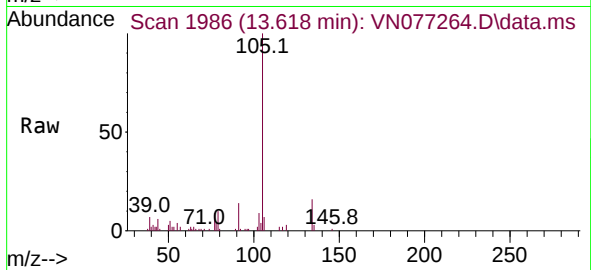
134 20.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#86

p-Isopropyltoluene

Concen: 0.892 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

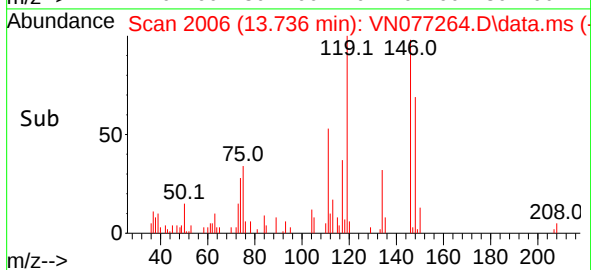
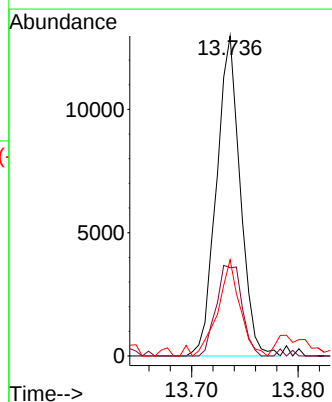
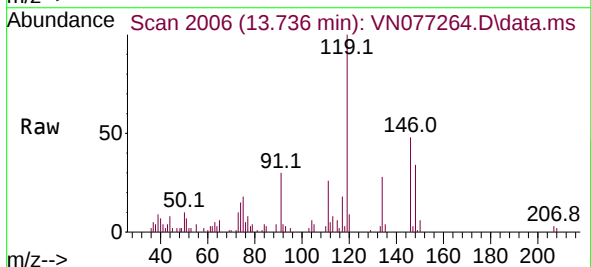
Tgt Ion:119 Resp: 20059

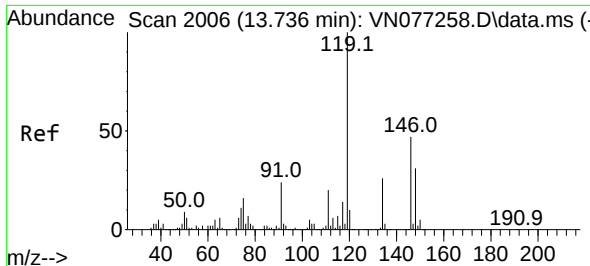
Ion Ratio Lower Upper

119 100

134 30.6 12.9 38.6

91 27.8 12.3 36.8





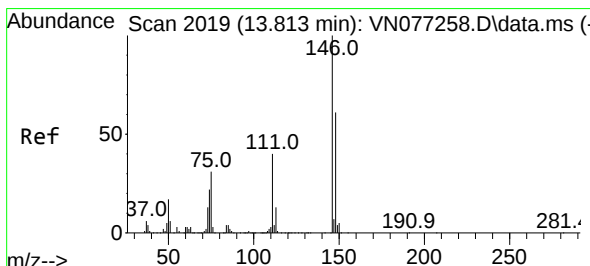
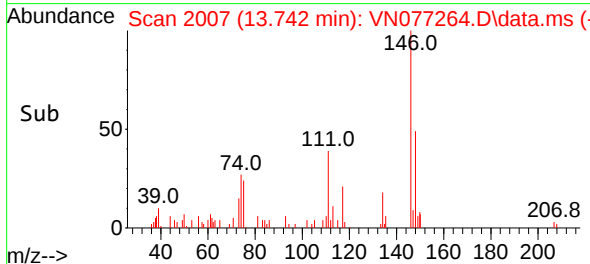
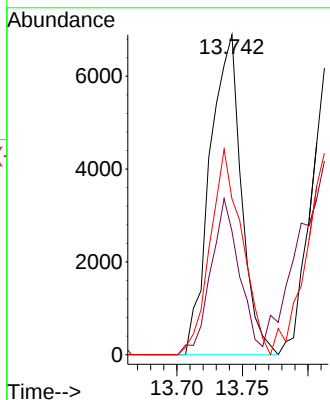
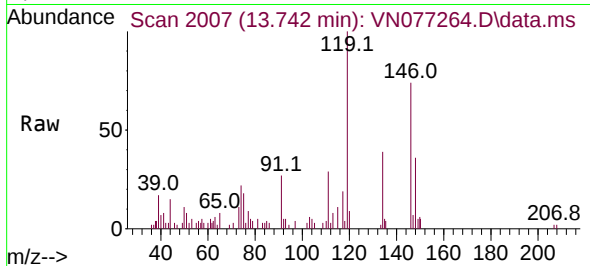
#87
 1,3-Dichlorobenzene
 Concen: 1.034 ug/l
 RT: 13.742 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion:146 Resp: 11480
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.8 65.4
 148 65.0 31.7 95.1

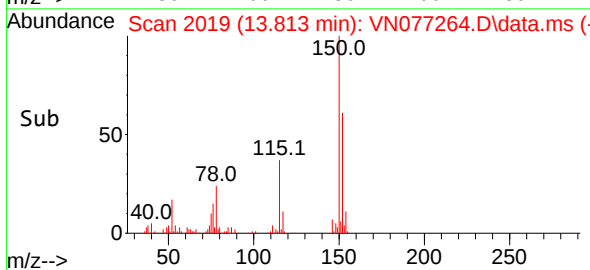
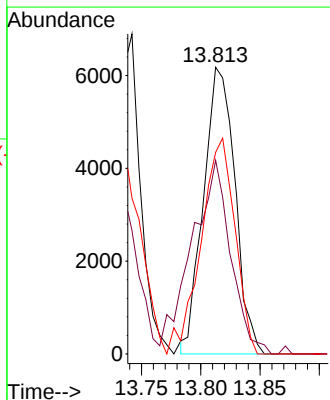
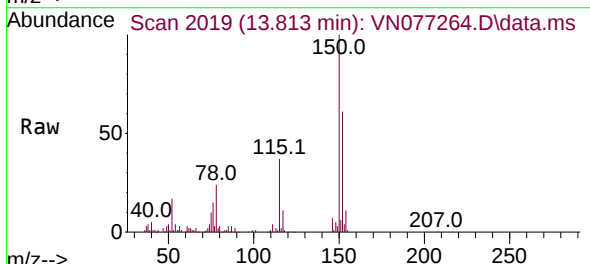
Manual Integrations
 APPROVED

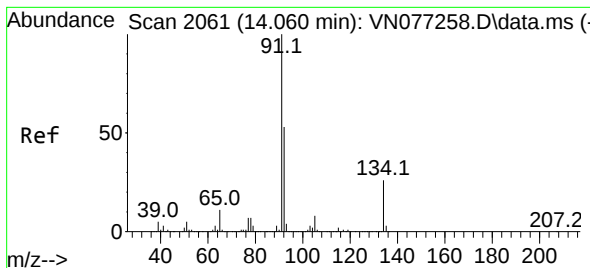
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#88
 1,4-Dichlorobenzene
 Concen: 1.053 ug/l m
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion:146 Resp: 11387
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.4 61.2
 148 65.6 31.6 95.0





#89

n-Butylbenzene

Concen: 0.963 ug/l

RT: 14.065 min Scan# 2061

Delta R.T. 0.005 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

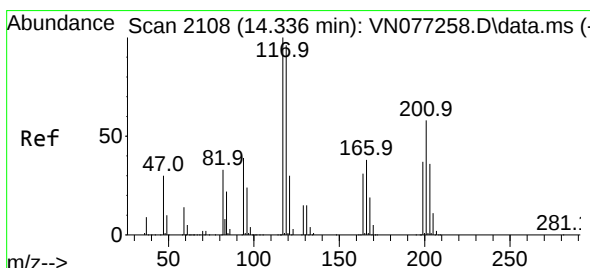
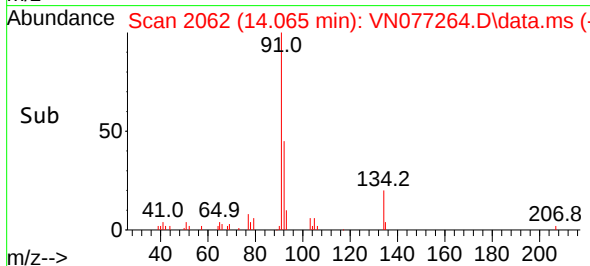
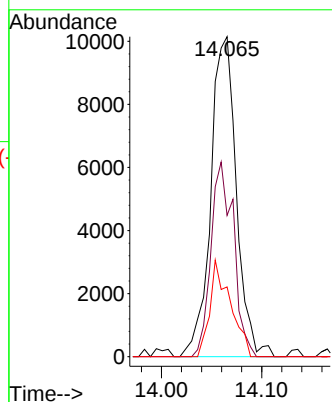
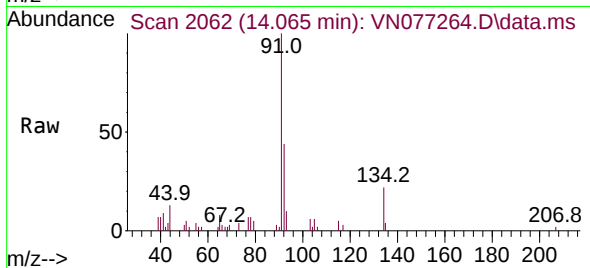
Tgt Ion:	91	Resp:	1804
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.7	80.0
134	24.2	12.8	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#90

Hexachloroethane

Concen: 0.972 ug/l

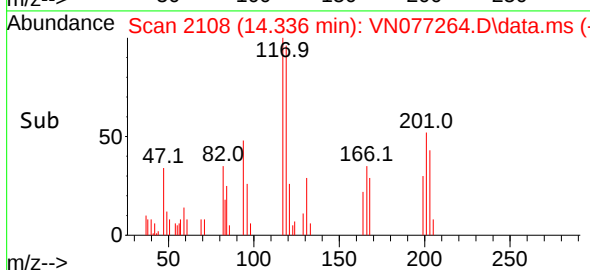
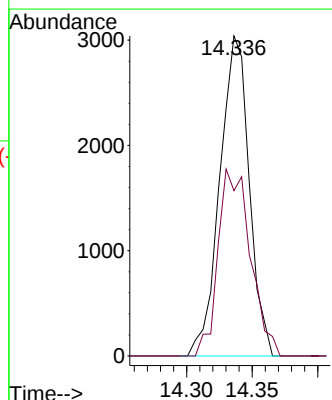
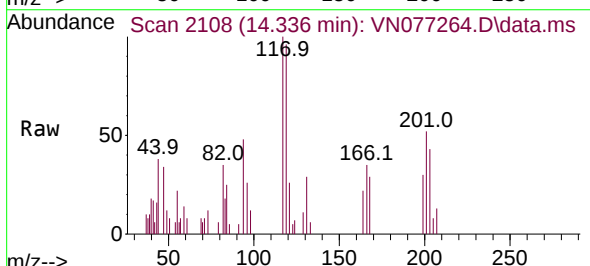
RT: 14.336 min Scan# 2108

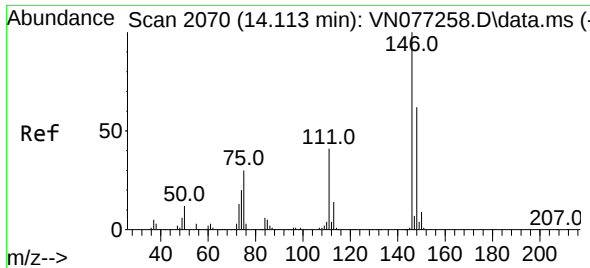
Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:	117	Resp:	4734
Ion Ratio	Lower	Upper	
117	100		
201	64.2	29.8	89.5





#91

1,2-Dichlorobenzene

Concen: 1.021 ug/l

RT: 14.107 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

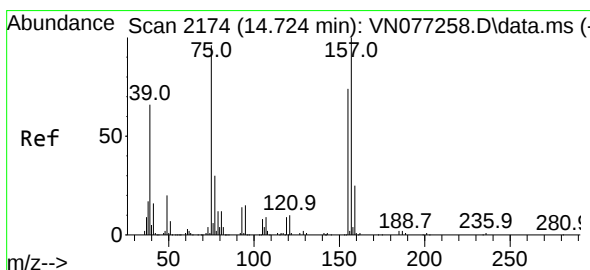
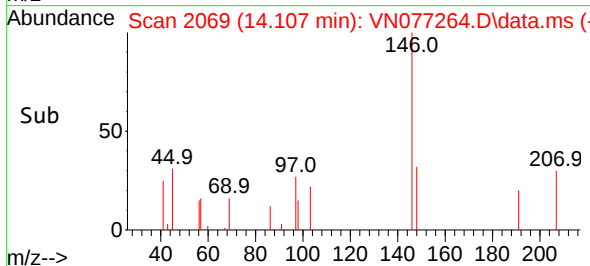
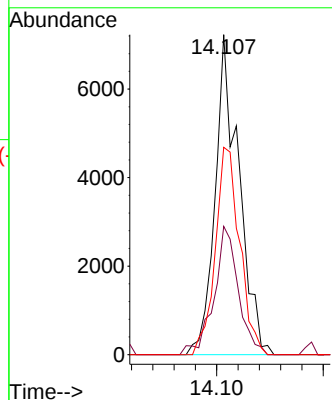
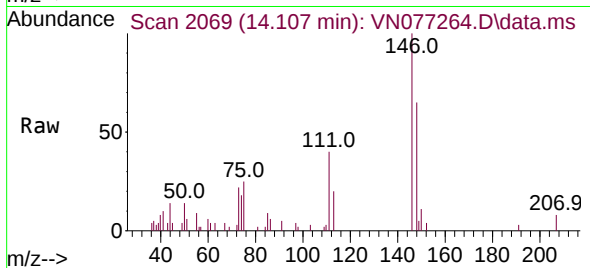
Tgt Ion:	146	Resp:	11190
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.9	65.5
148	66.5	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.999 ug/l

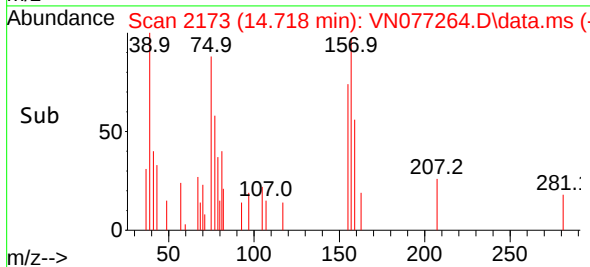
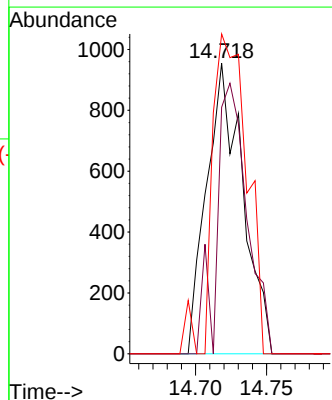
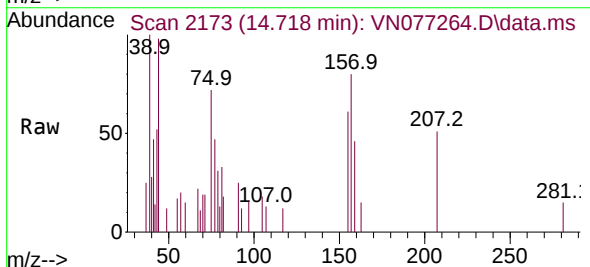
RT: 14.718 min Scan# 2173

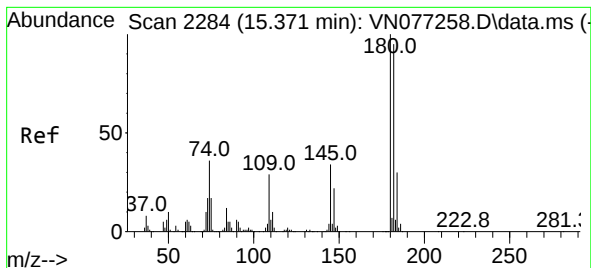
Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:	75	Resp:	1684
Ion Ratio	Lower	Upper	
75	100		
155	78.7	41.0	123.2
157	106.3	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 0.983 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

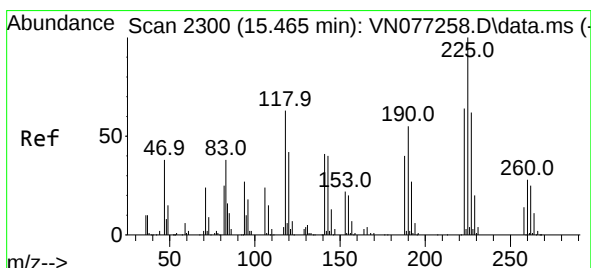
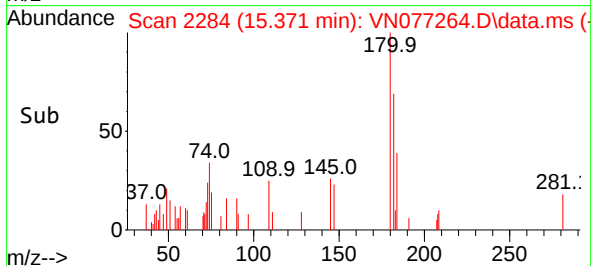
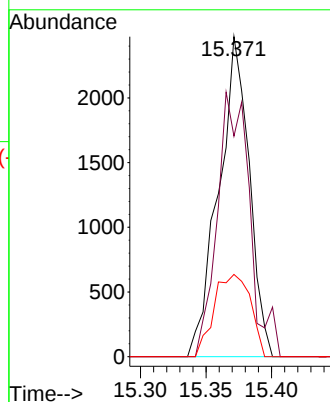
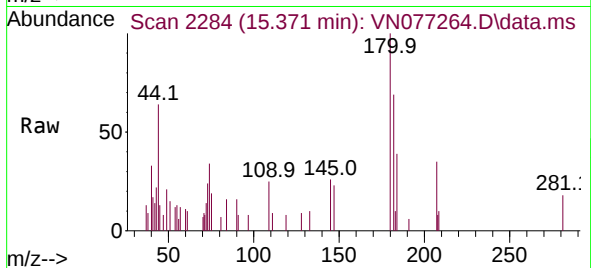
Tgt Ion:	180	Resp:	4000
Ion Ratio	Lower	Upper	
180	100		
182	87.2	46.7	140.0
145	30.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 1.032 ug/l

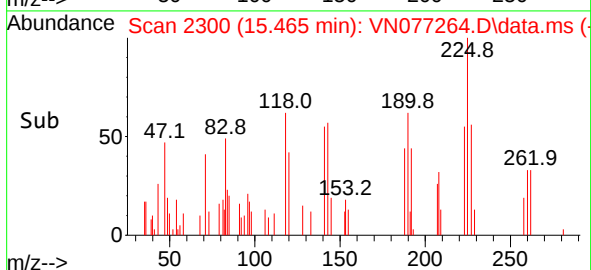
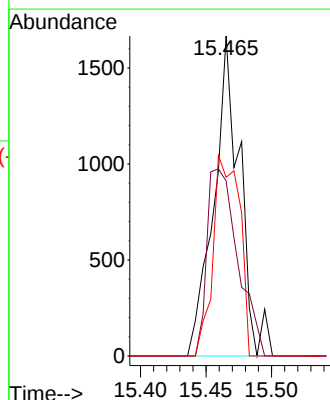
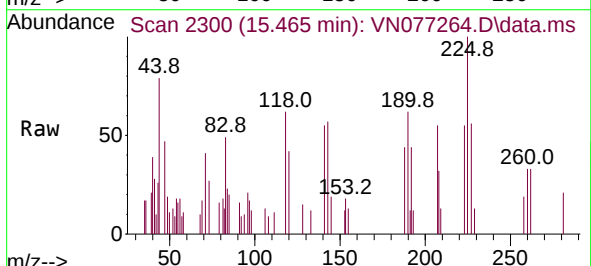
RT: 15.465 min Scan# 2300

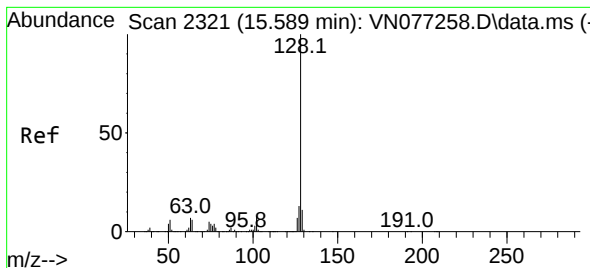
Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:	225	Resp:	2298
Ion Ratio	Lower	Upper	
225	100		
223	69.4	31.7	95.1
227	63.9	31.2	93.6





#95

Naphthalene

Concen: 0.771 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

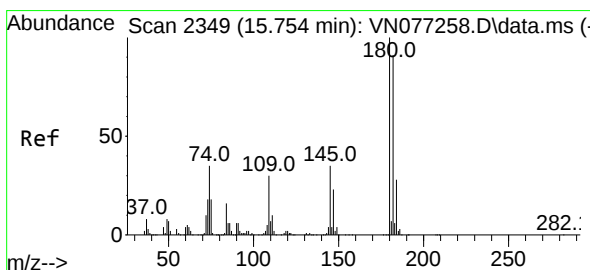
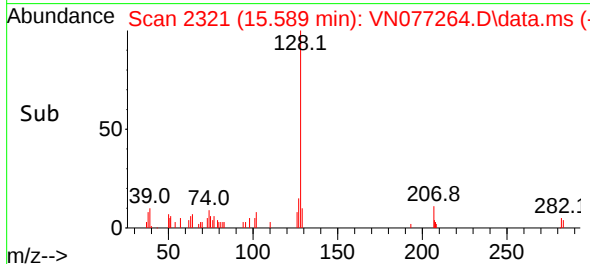
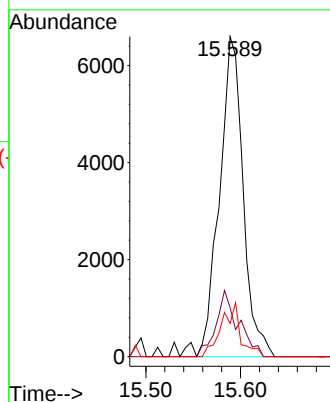
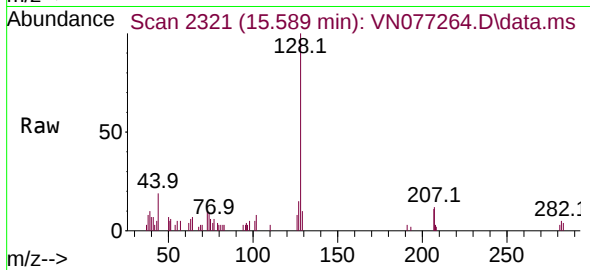
Tgt Ion:128	Resp:	1156
Ion Ratio	Lower	Upper
128	100	
127	19.4	10.2 15.4
129	13.6	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 0.886 ug/l

RT: 15.765 min Scan# 2351

Delta R.T. 0.011 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:180	Resp:	3396
Ion Ratio	Lower	Upper
180	100	
182	87.1	46.9 140.8
145	32.2	17.6 52.8

