

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076267.D
 Acq On : 16 Jan 2023 13:17
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	323517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	438856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174896	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	2.136	85	3207	0.988	ug/l	95
3) Chloromethane	2.377	50	3682	1.063	ug/l #	79
4) Vinyl Chloride	2.530	62	4185	0.979	ug/l	97
6) Chloroethane	3.136	64	3579	1.144	ug/l #	85
7) Trichlorofluoromethane	3.518	101	6093	1.052	ug/l	92
8) Diethyl Ether	3.983	74	1848	0.965	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	3149	0.973	ug/l #	85
12) 1,1-Dichloroethene	4.353	96	3256	1.083	ug/l	91
14) Allyl chloride	5.041	41	3847	1.090	ug/l	91
15) Acrylonitrile	5.753	53	6882	4.940	ug/l	97
16) Acetone	4.453	43	8709	7.272	ug/l	93
17) Carbon Disulfide	4.718	76	8734	1.154	ug/l #	94
18) Methyl Acetate	5.053	43	4297	1.099	ug/l #	70
19) Methyl tert-butyl Ether	5.812	73	9935	0.992	ug/l	95
20) Methylene Chloride	5.294	84	7401m	2.053	ug/l	
21) trans-1,2-Dichloroethene	5.794	96	3709	1.115	ug/l	92
22) Diisopropyl ether	6.688	45	7892	0.918	ug/l	98
23) Vinyl Acetate	6.612	43	24209	4.436	ug/l #	86
24) 1,1-Dichloroethane	6.588	63	5446	0.944	ug/l #	81
25) 2-Butanone	7.500	43	9369	5.374	ug/l #	84
26) 2,2-Dichloropropane	7.512	77	4390m	0.892	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	3974	1.014	ug/l	97
28) Bromochloromethane	7.818	49	2213	0.951	ug/l #	98
29) Tetrahydrofuran	7.853	42	4837	4.417	ug/l	93
30) Chloroform	7.977	83	6556	1.022	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	5670	0.992	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	4702	1.009	ug/l	96
37) Ethyl Acetate	7.571	43	5970	1.615	ug/l #	85
38) Carbon Tetrachloride	8.365	117	5206	1.003	ug/l #	82
39) Methylcyclohexane	9.606	83	4976	0.883	ug/l	90
40) Benzene	8.612	78	13870	1.000	ug/l	98
41) Methacrylonitrile	7.794	41	1921	1.009	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	4952	1.039	ug/l	81
43) Isopropyl Acetate	8.694	43	5924	0.739	ug/l	94
44) Trichloroethene	9.359	130	4194	1.077	ug/l	90
45) 1,2-Dichloropropane	9.624	63	3308	0.994	ug/l	89

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Manual Integrations
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Quant Time: Jan 17 03:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

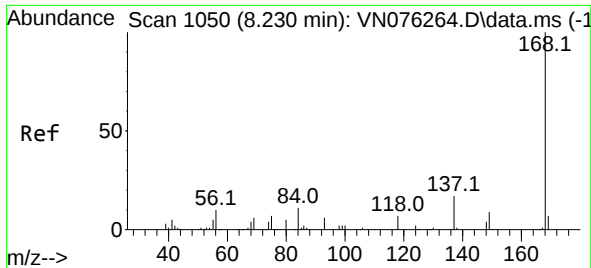
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	2563	1.027	ug/l	99
47) Bromodichloromethane	9.882	83	4946	1.024	ug/l #	82
48) Methyl methacrylate	9.688	41	3038	1.099	ug/l	84
49) 1,4-Dioxane	9.694	88	1094	18.298	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	16305	4.592	ug/l	99
52) Toluene	10.629	92	9278	1.013	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	4058	0.881	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	5152	0.983	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	3677	1.056	ug/l #	82
56) Ethyl methacrylate	10.876	69	4002	0.880	ug/l	93
57) 1,3-Dichloropropane	11.159	76	5990	1.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	7188	4.708	ug/l	95
59) 2-Hexanone	11.200	43	11990	4.695	ug/l	99
60) Dibromochloromethane	11.359	129	3255	0.855	ug/l	98
61) 1,2-Dibromoethane	11.476	107	3300	0.936	ug/l	100
64) Tetrachloroethene	11.106	164	4749	1.225	ug/l	82
65) Chlorobenzene	11.894	112	10056	1.094	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	3526	1.031	ug/l #	61
67) Ethyl Benzene	11.970	91	15017	0.950	ug/l	93
68) m/p-Xylenes	12.076	106	12457	1.996	ug/l	98
69) o-Xylene	12.400	106	6131	1.002	ug/l	98
70) Styrene	12.406	104	9624	0.994	ug/l	96
71) Bromoform	12.582	173	2396	0.967	ug/l #	88
73) Isopropylbenzene	12.700	105	13268	0.994	ug/l	94
74) N-amyl acetate	12.500	43	4038	1.073	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	4580	1.168	ug/l #	96
76) 1,2,3-Trichloropropane	12.994	75	4328m	1.203	ug/l	
77) Bromobenzene	12.988	156	4512	1.355	ug/l	95
78) n-propylbenzene	13.035	91	15875	1.076	ug/l	94
79) 2-Chlorotoluene	13.129	91	10204	1.111	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	10518	0.937	ug/l	94
82) 4-Chlorotoluene	13.129	91	10204	1.111	ug/l	94
83) tert-Butylbenzene	13.441	119	9859	0.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	10961	1.000	ug/l	92
85) sec-Butylbenzene	13.617	105	13639	0.999	ug/l	96
86) p-Isopropyltoluene	13.729	119	10569	0.949	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	8142	1.334	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	8533m	1.409	ug/l	
89) n-Butylbenzene	14.059	91	9144	1.037	ug/l	100
90) Hexachloroethane	14.329	117	1971	1.005	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	7781	1.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	712	1.090	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	4483	1.700	ug/l	91
94) Hexachlorobutadiene	15.500	225	2031	1.265	ug/l	82
95) Naphthalene	15.647	128	14442	1.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	3921	1.525	ug/l	91

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

Manual Integrations

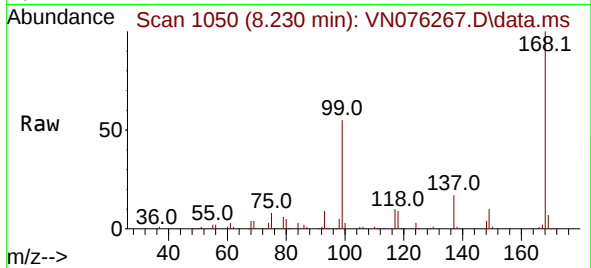
Quant Time: Jan 17 03:30:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:09:59 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

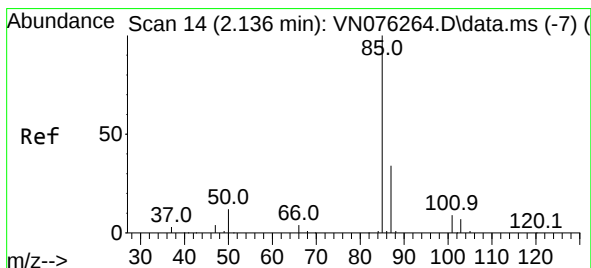
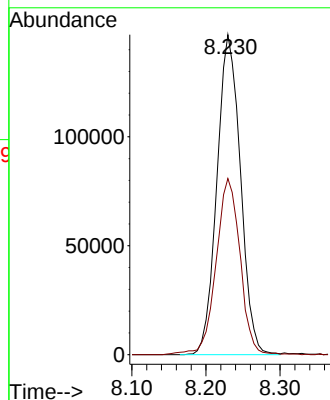
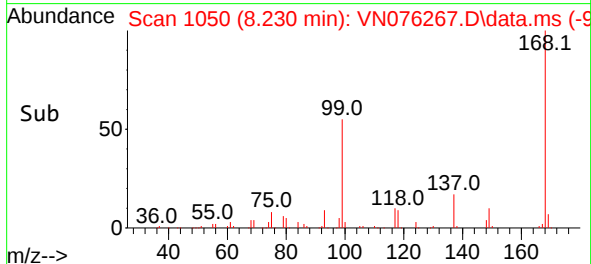
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



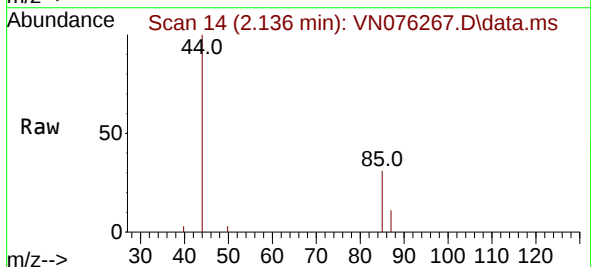
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Ion Ratio Lower Upper
168 100
99 54.9 41.6 62.4

Manual Integrations
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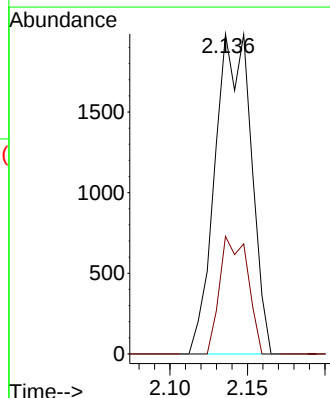
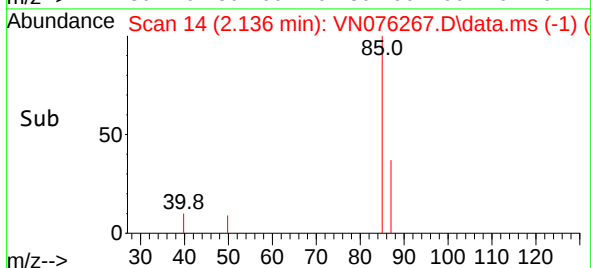
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

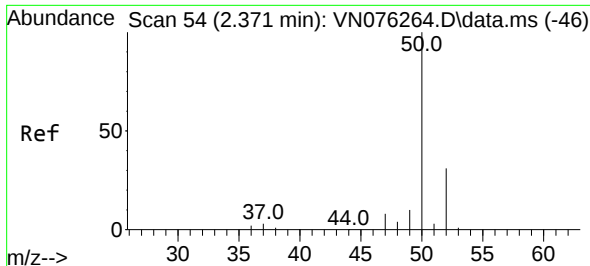


#2
Dichlorodifluoromethane
Concen: 0.988 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 85 Resp: 3207
Ion Ratio Lower Upper
85 100
87 36.7 17.1 51.2





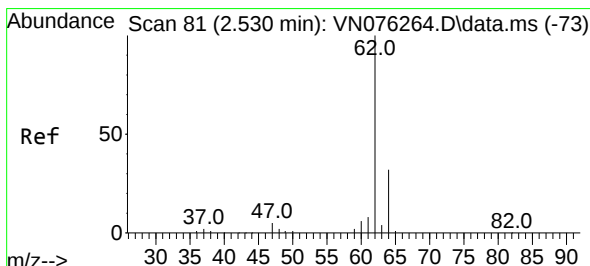
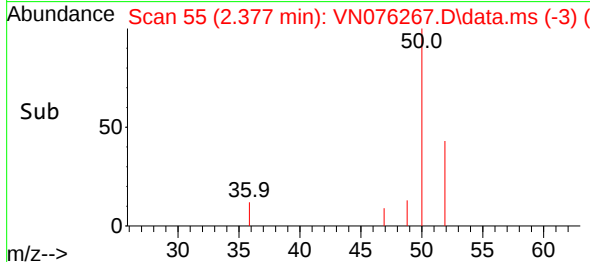
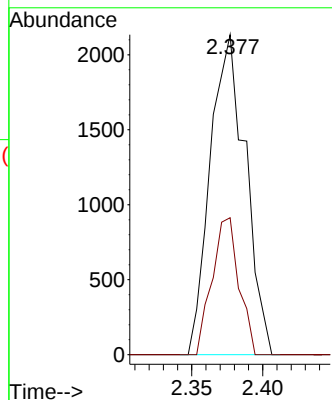
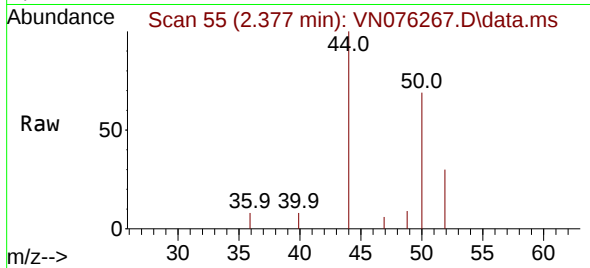
#3
Chloromethane
Concen: 1.063 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 42.8 24.8 37.2

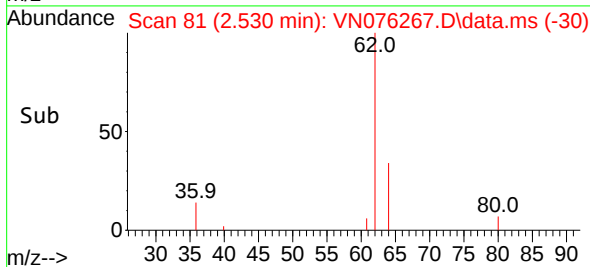
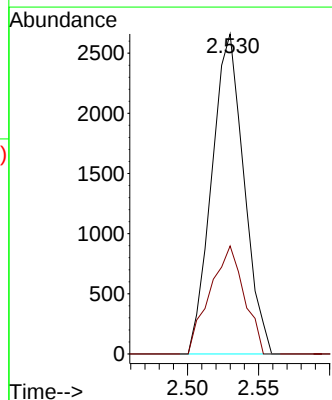
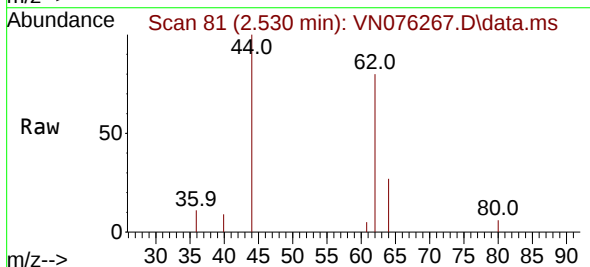
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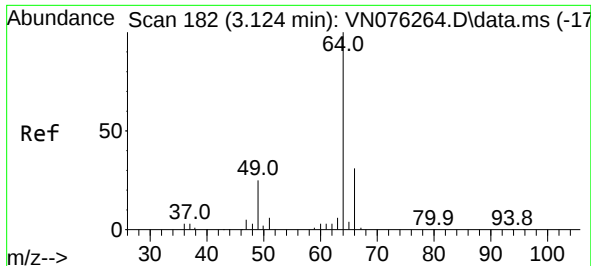
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Vinyl Chloride
Concen: 0.979 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion: 62 Resp: 4185
Ion Ratio Lower Upper
62 100
64 33.7 25.8 38.6





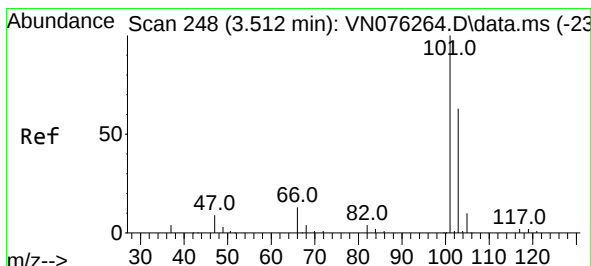
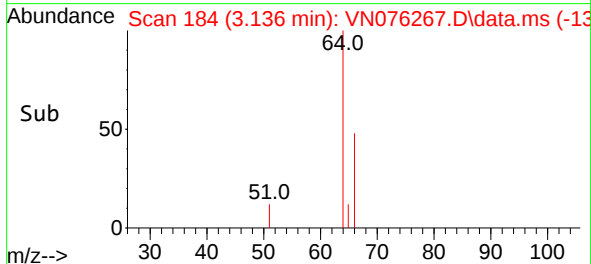
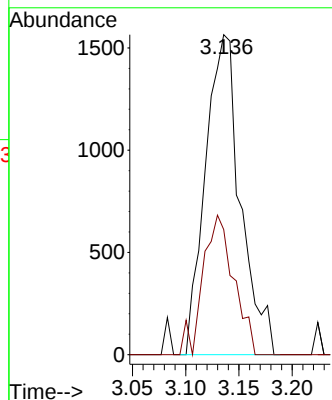
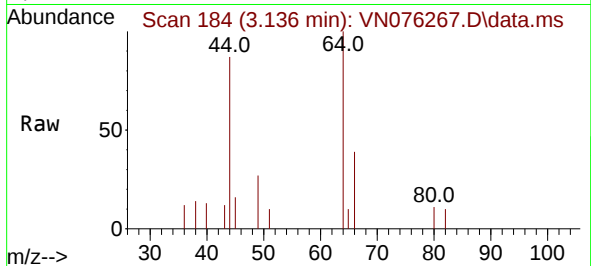
#6
Chloroethane
Concen: 1.144 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 3579
Ion Ratio Lower Upper
64 100
66 39.1 24.8 37.2

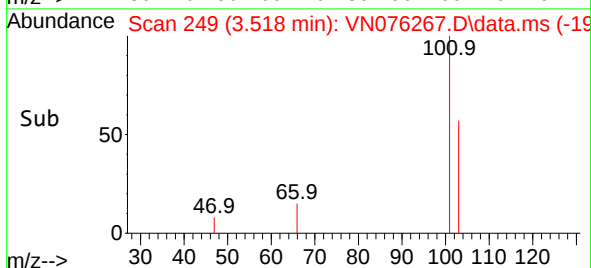
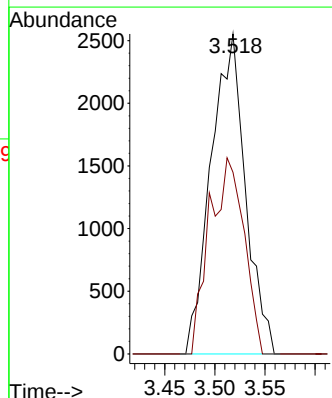
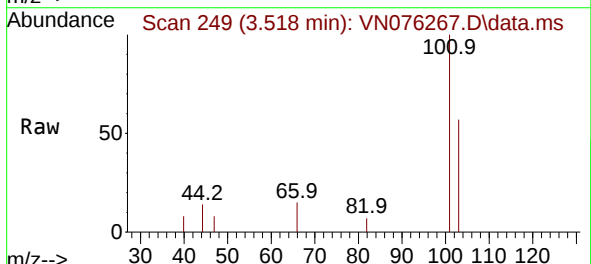
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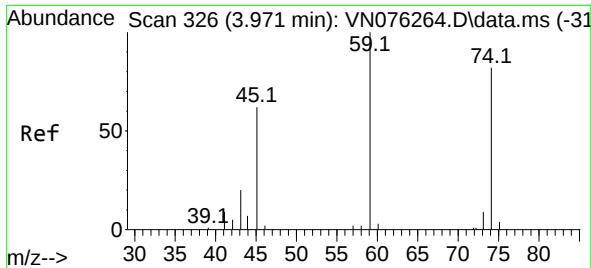
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#7
Trichlorofluoromethane
Concen: 1.052 ug/l
RT: 3.518 min Scan# 249
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion:101 Resp: 6093
Ion Ratio Lower Upper
101 100
103 56.8 50.2 75.4





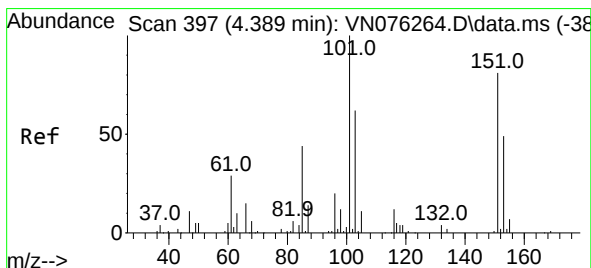
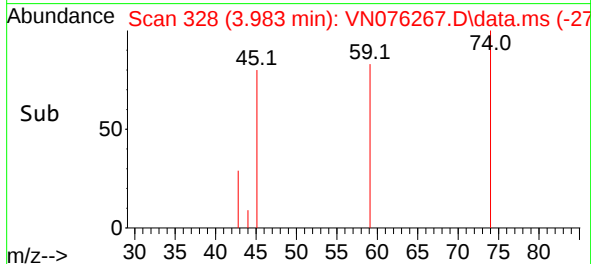
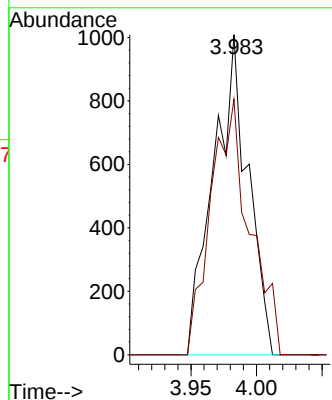
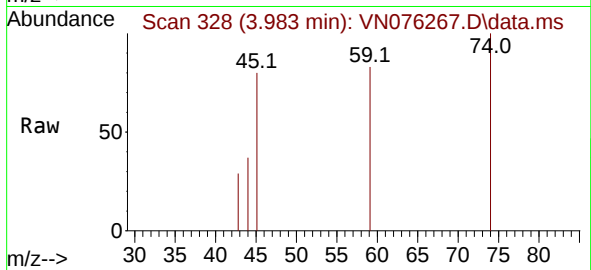
#8
Diethyl Ether
Concen: 0.965 ug/l
RT: 3.983 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 184
Ion Ratio Lower Upper
74 100
45 89.6 37.8 113.3

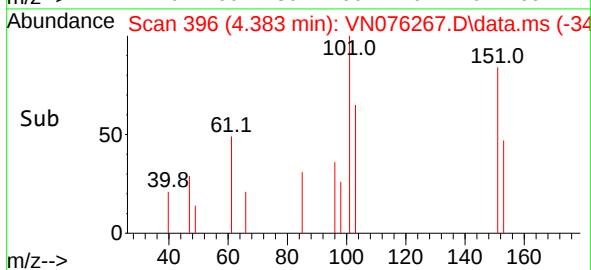
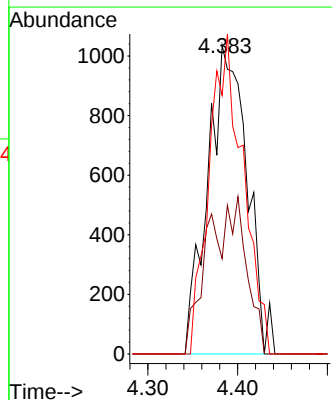
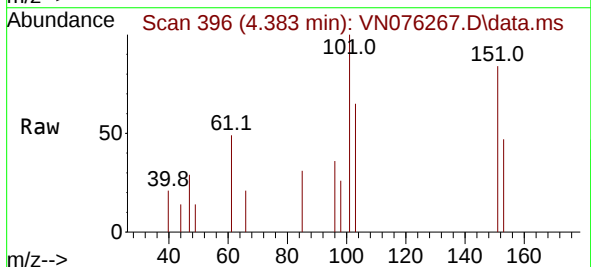
Manual Integrations
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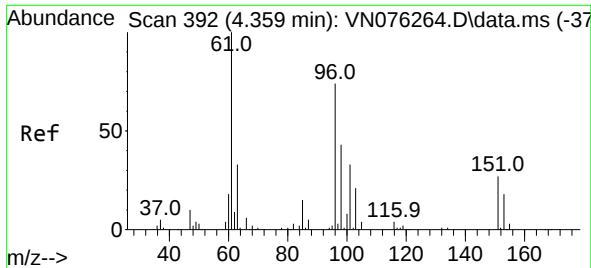
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.973 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion:101 Resp: 3149
Ion Ratio Lower Upper
101 100
85 26.3 35.5 53.3#
151 89.1 65.5 98.3





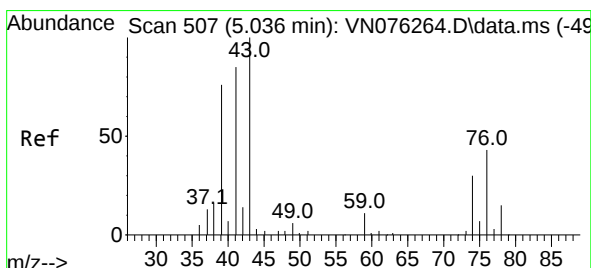
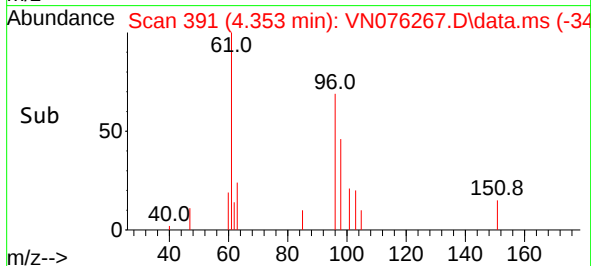
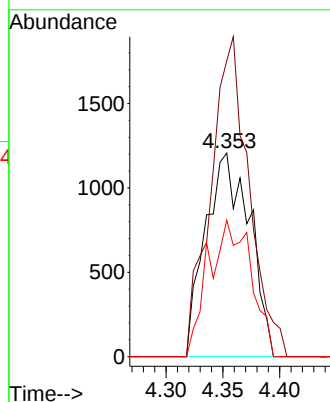
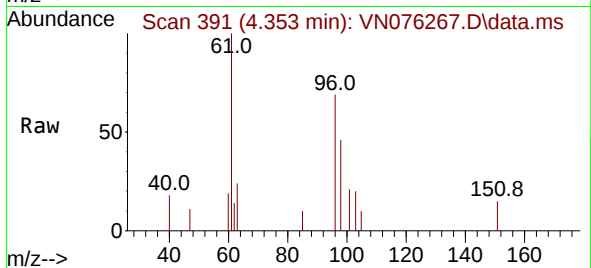
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1,1-Dichloroethene
Concen: 1.083 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
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ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3250
Ion Ratio Lower Upper
96 100
61 145.2 108.2 162.4
98 67.0 47.0 70.6

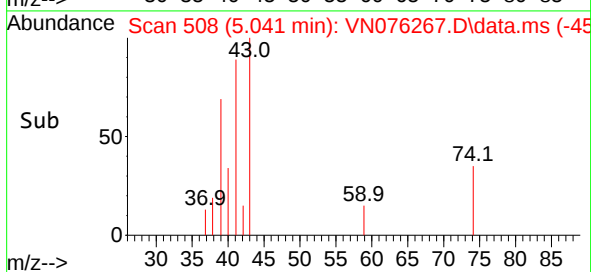
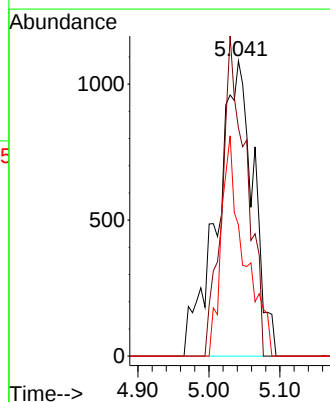
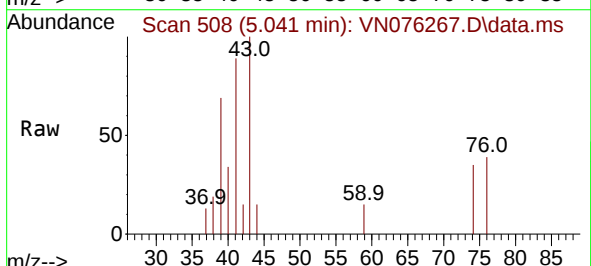
Manual Integrations
APPROVED

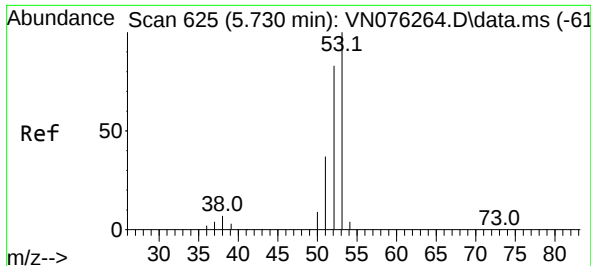
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#14
Allyl chloride
Concen: 1.090 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

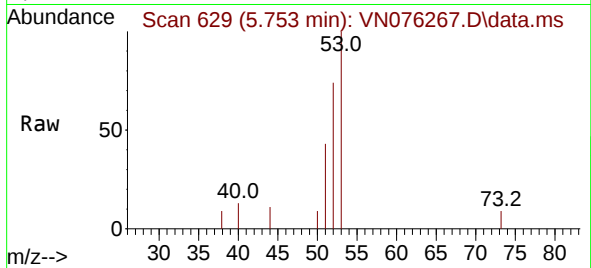
Tgt Ion: 41 Resp: 3847
Ion Ratio Lower Upper
41 100
39 73.1 67.4 101.0
76 46.9 39.8 59.8





#15
Acrylonitrile
Concen: 4.940 ug/l
RT: 5.753 min Scan# 61
Delta R.T. 0.023 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

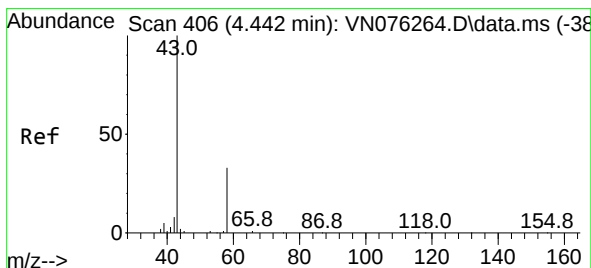
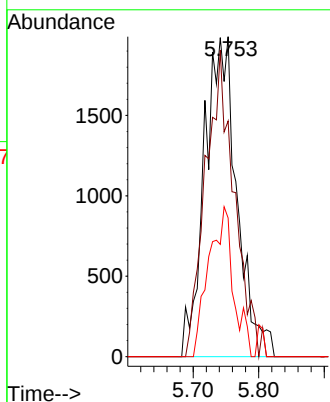
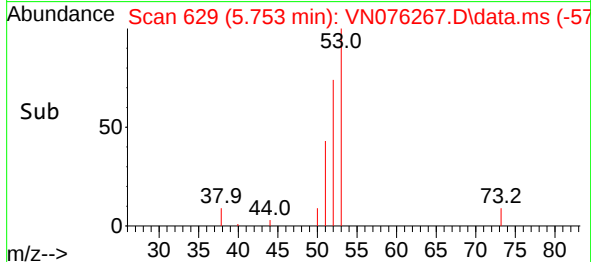
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 688
Ion Ratio Lower Upper
53 100
52 84.3 64.7 97.1
51 35.2 29.2 43.8

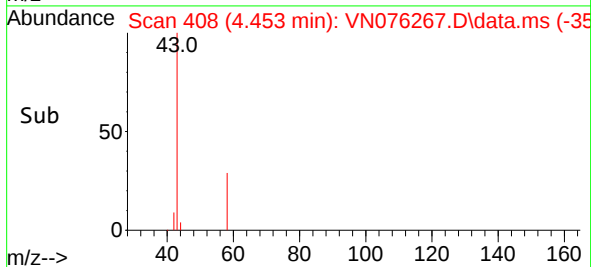
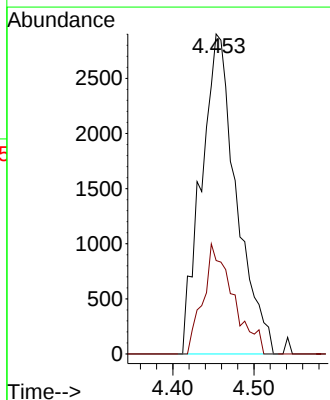
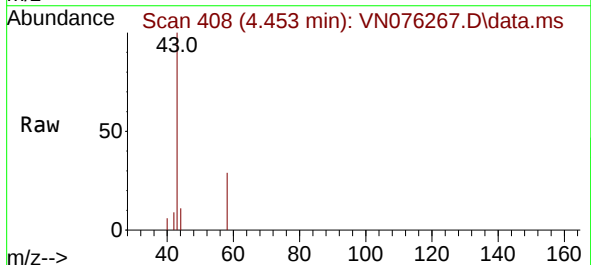
Manual Integrations
APPROVED

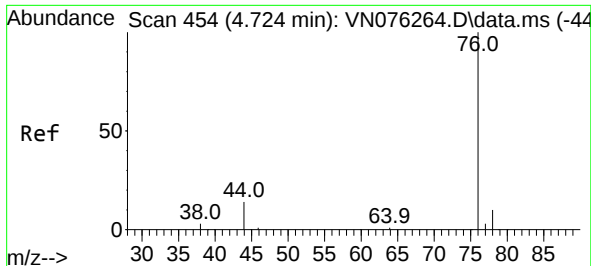
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
Acetone
Concen: 7.272 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

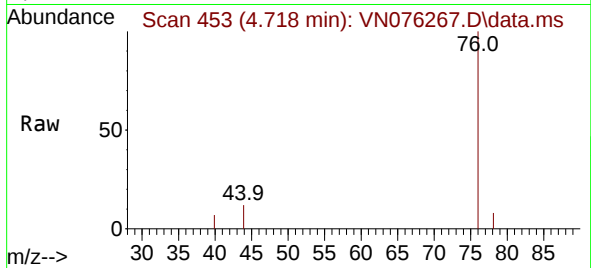
Tgt Ion: 43 Resp: 8709
Ion Ratio Lower Upper
43 100
58 29.2 26.7 40.1





#17
Carbon Disulfide
Concen: 1.154 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

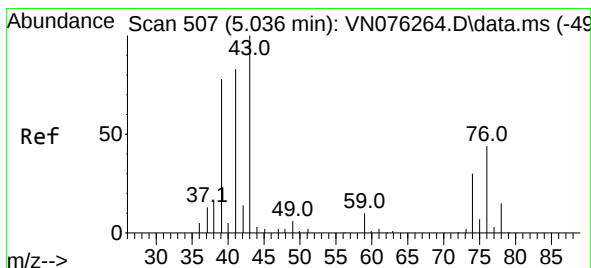
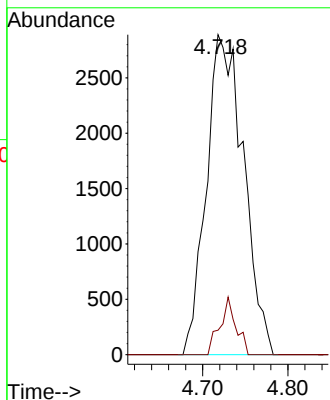
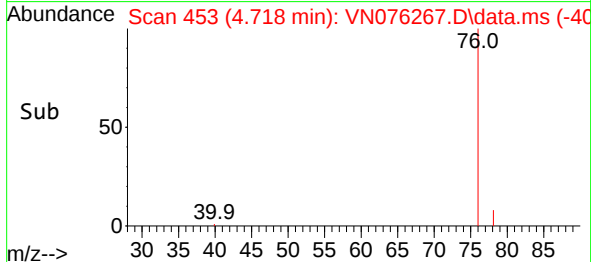
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



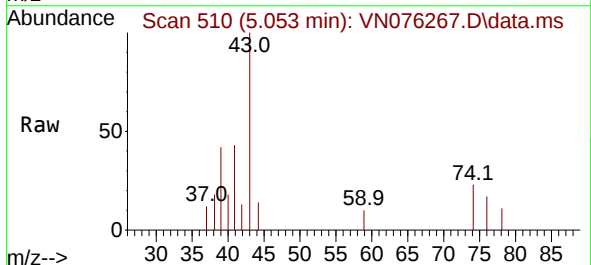
Tgt Ion: 76 Resp: 8734
Ion Ratio Lower Upper
76 100
78 7.6 8.0 12.0

Manual Integrations
APPROVED

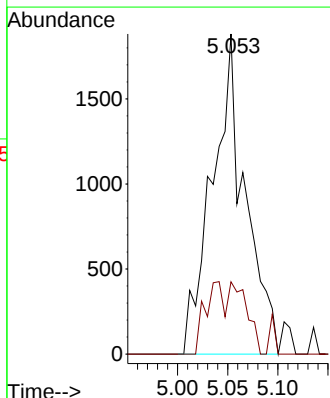
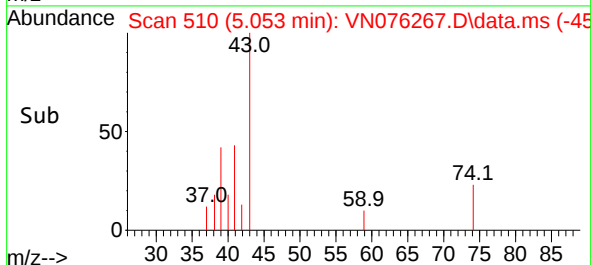
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

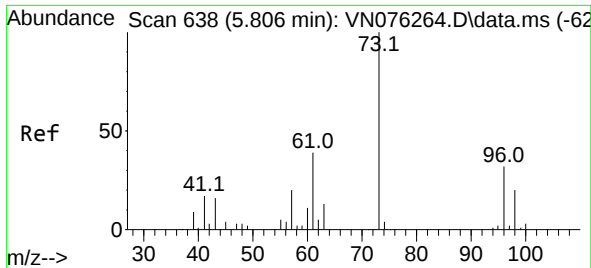


#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
74 12.8 23.3 34.9





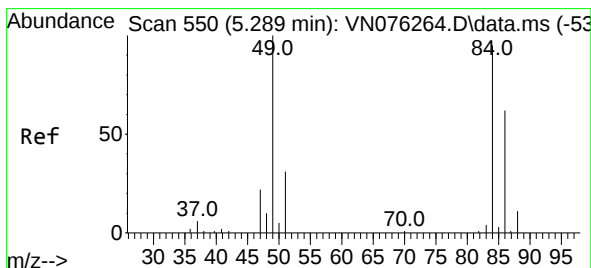
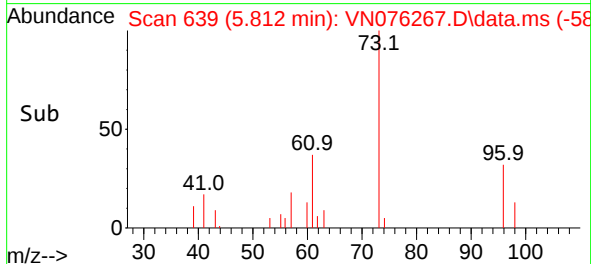
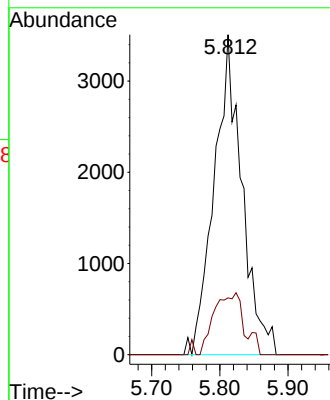
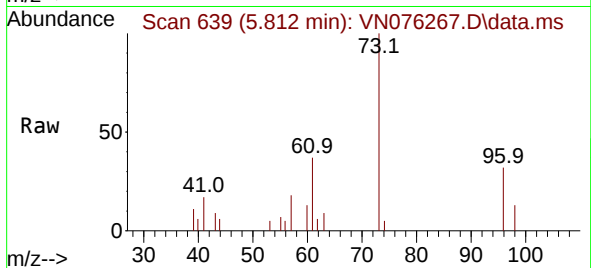
#19
Methyl tert-butyl Ether
Concen: 0.992 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 993
Ion Ratio Lower Upper
73 100
57 17.8 15.9 23.9

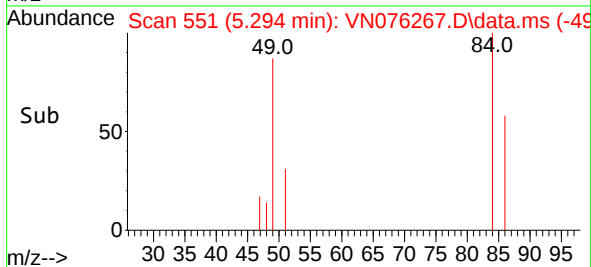
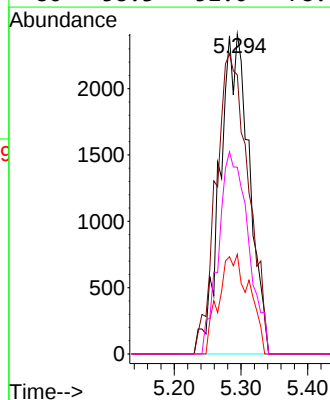
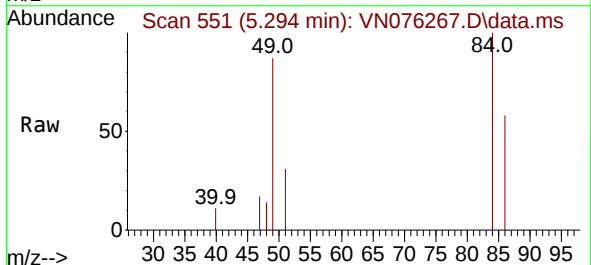
Manual Integrations
APPROVED

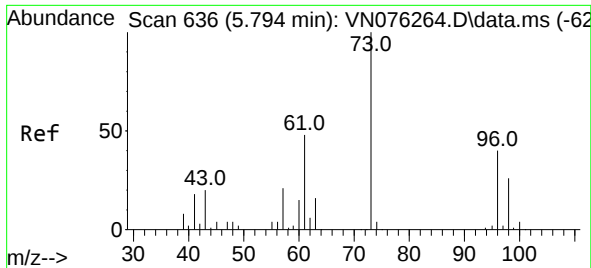
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#20
Methylene Chloride
Concen: 2.053 ug/l m
RT: 5.294 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

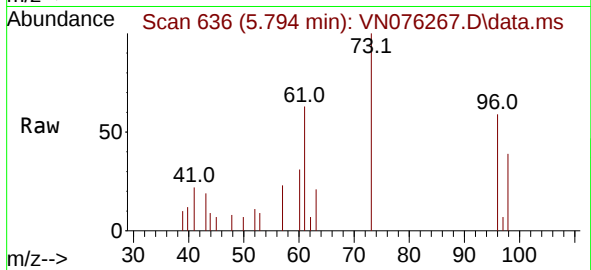
Tgt Ion: 84 Resp: 7401
Ion Ratio Lower Upper
84 100
49 87.2 84.5 126.7
51 31.2 26.0 39.0
86 58.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 1.115 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

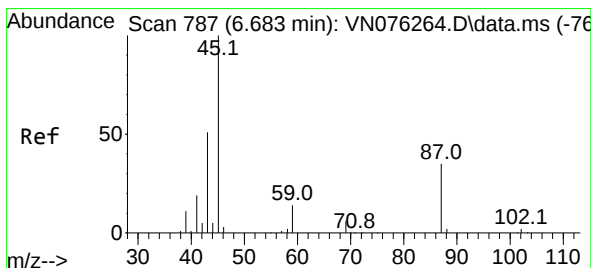
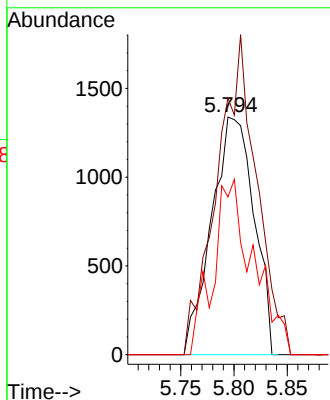
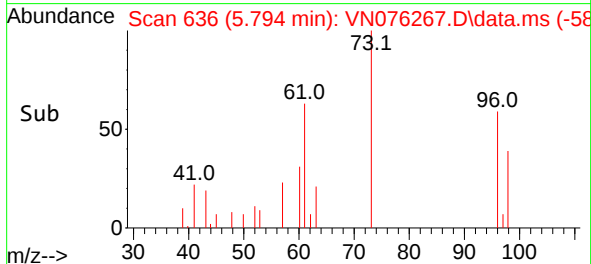
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



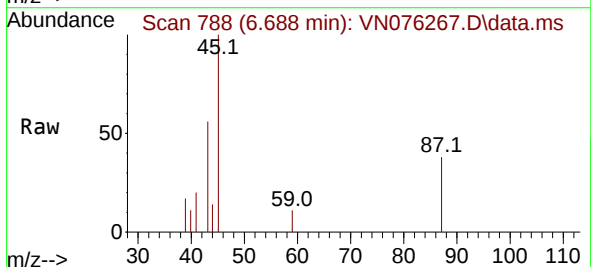
Tgt Ion: 96 Resp: 3709
Ion Ratio Lower Upper
96 100
61 107.9 97.0 145.4
98 66.4 51.9 77.9

Manual Integrations
APPROVED

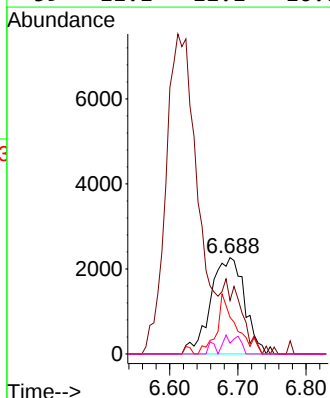
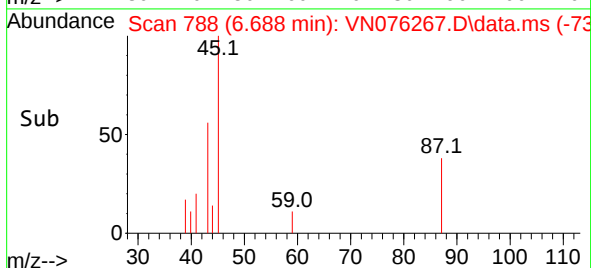
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

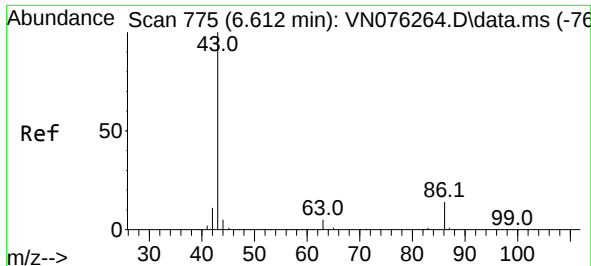


#22
Diisopropyl ether
Concen: 0.918 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 45 Resp: 7892
Ion Ratio Lower Upper
45 100
43 55.6 44.4 66.6
87 38.1 28.4 42.6
59 11.1 11.1 16.7





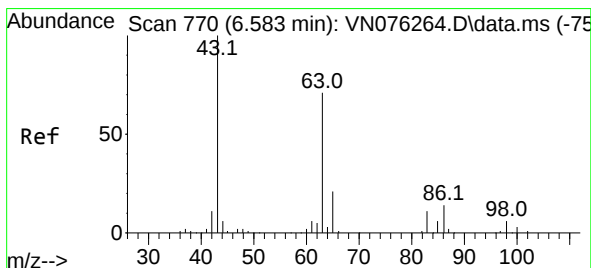
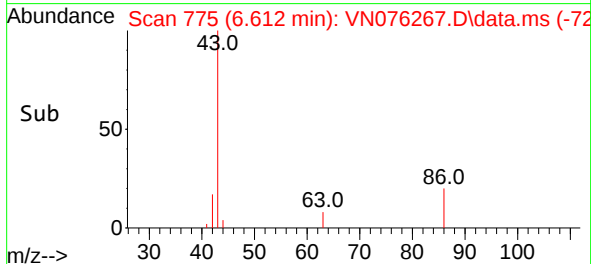
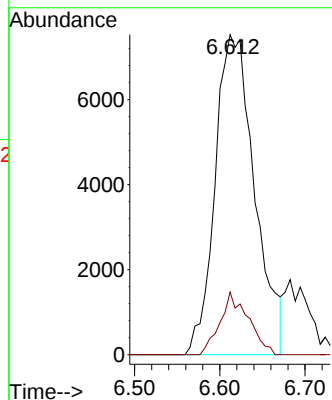
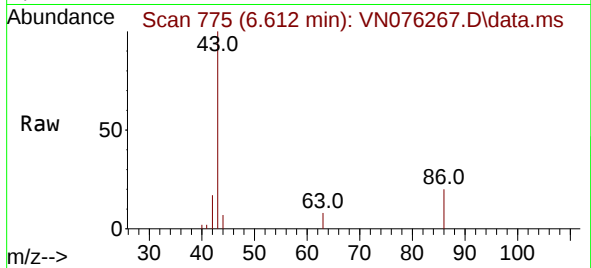
#23
 Vinyl Acetate
 Concen: 4.436 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 24209
 Ion Ratio Lower Upper
 43 100
 86 19.6 11.2 16.8

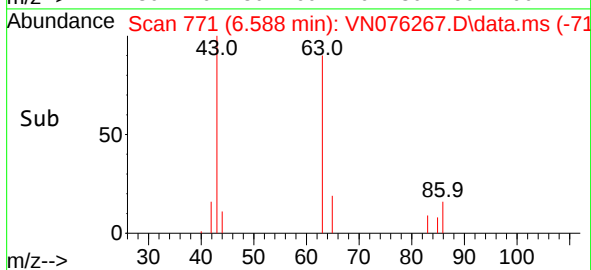
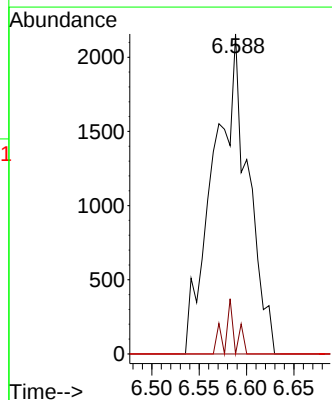
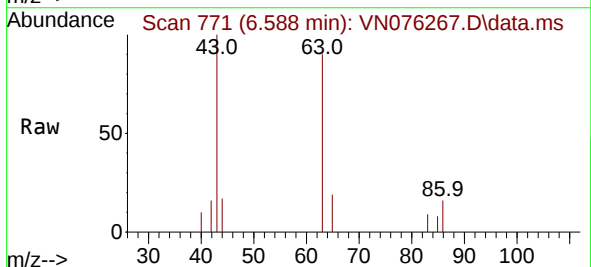
Manual Integrations
 APPROVED

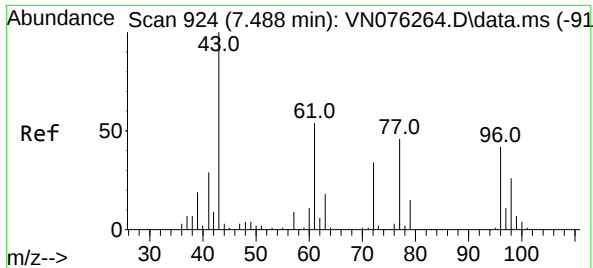
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.944 ug/l
 RT: 6.588 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17

Tgt Ion: 63 Resp: 5446
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.2 6.6#





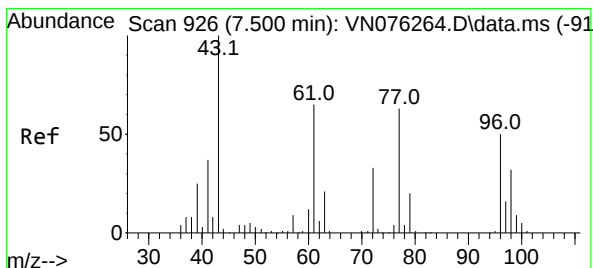
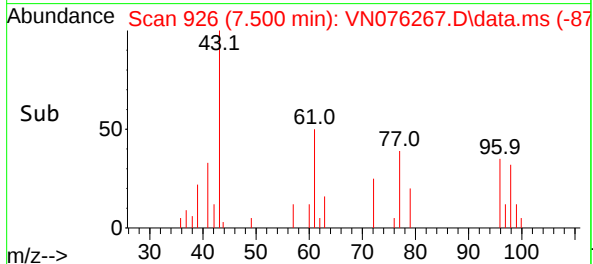
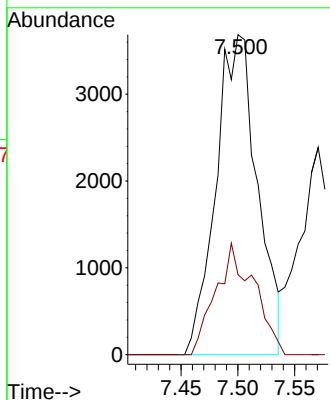
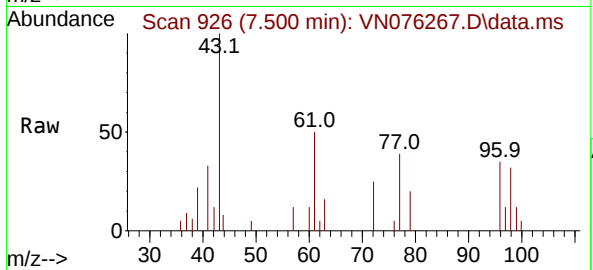
#25
2-Butanone
Concen: 5.374 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 9369
Ion Ratio Lower Upper
43 100
72 25.0 27.4 41.2

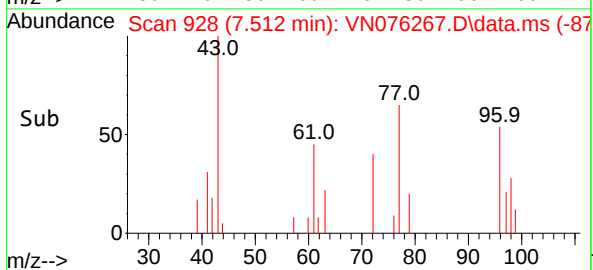
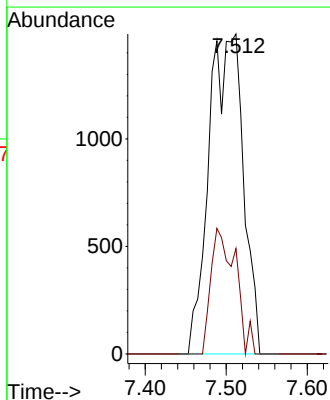
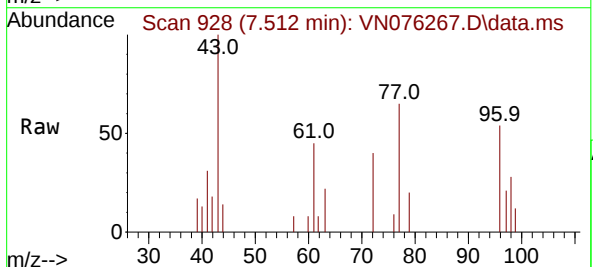
Manual Integrations
APPROVED

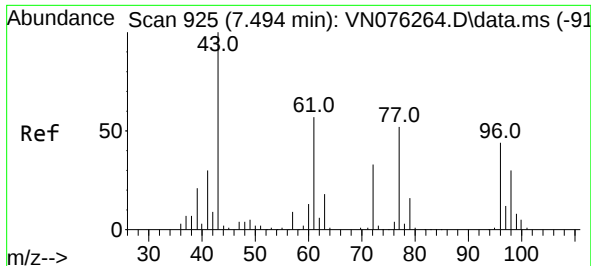
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#26
2,2-Dichloropropane
Concen: 0.892 ug/l m
RT: 7.512 min Scan# 928
Delta R.T. 0.012 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

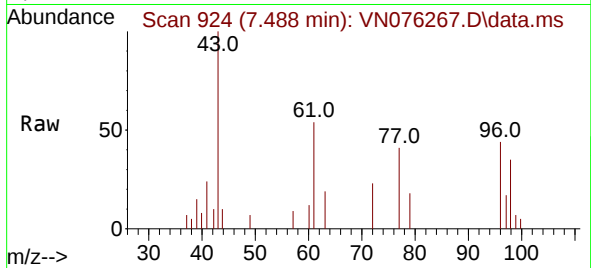
Tgt Ion: 77 Resp: 4390
Ion Ratio Lower Upper
77 100
97 28.0 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 1.014 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

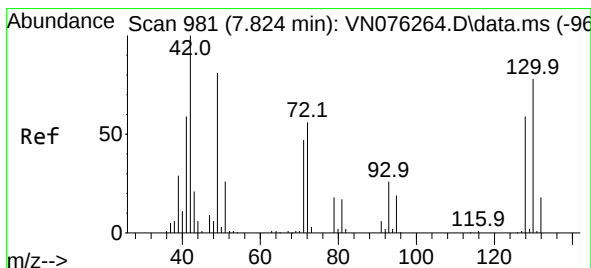
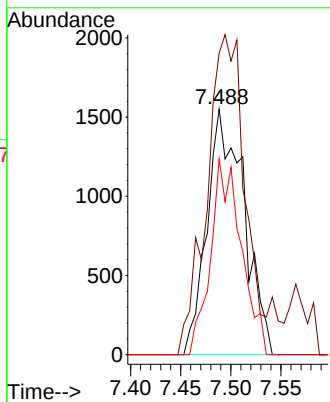
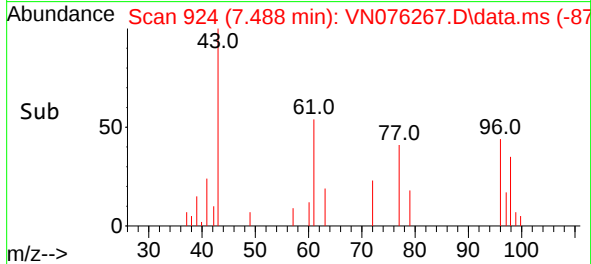
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 3974
Ion Ratio Lower Upper
96 100
61 133.9 0.0 259.6
98 65.7 0.0 129.4

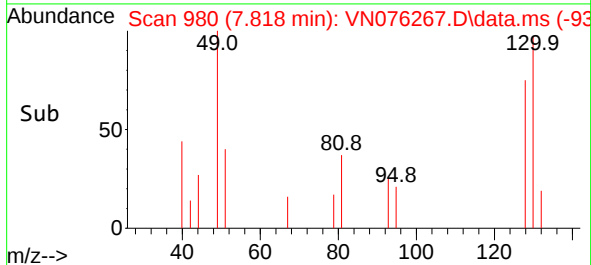
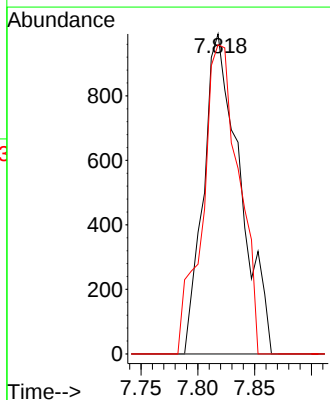
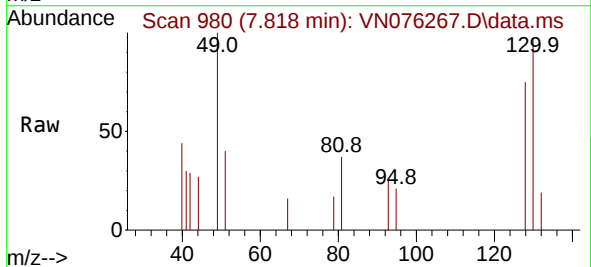
Manual Integrations
APPROVED

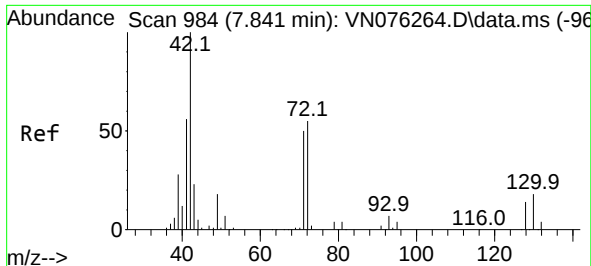
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Bromochloromethane
Concen: 0.951 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion: 49 Resp: 2213
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 96.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 4.417 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.012 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

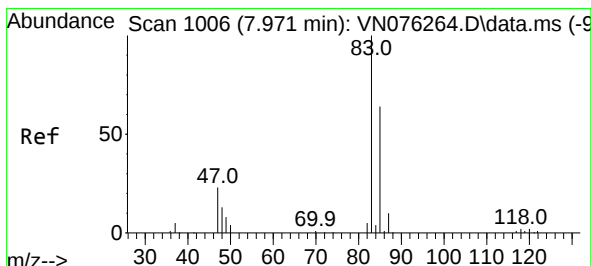
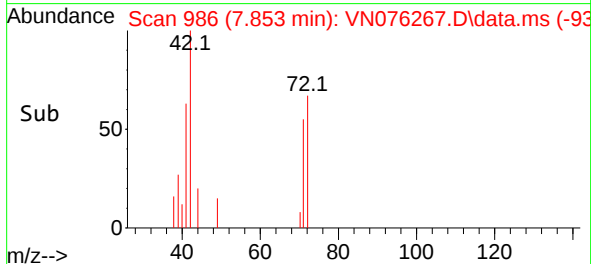
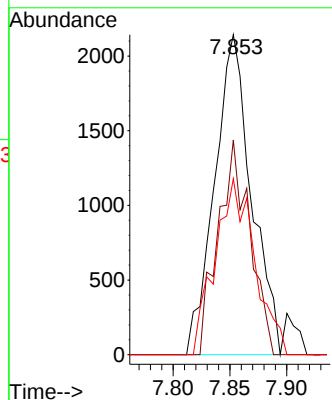
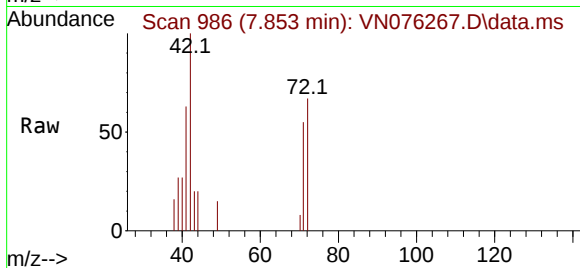
Tgt Ion: 42	Resp: 483
Ion Ratio	Lower Upper
42	100
72	57.6 44.0 66.0
71	58.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Chloroform

Concen: 1.022 ug/l

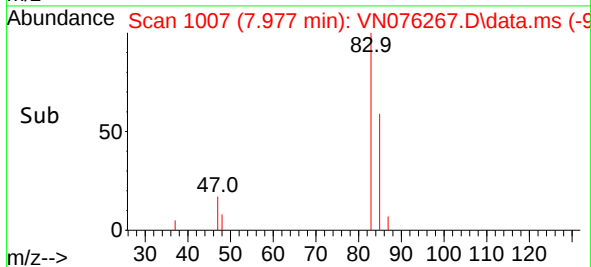
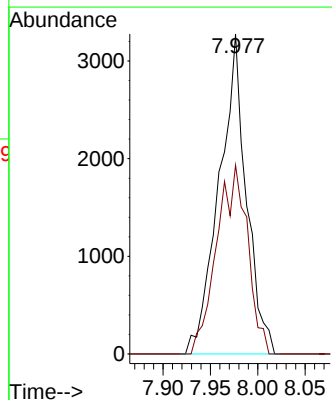
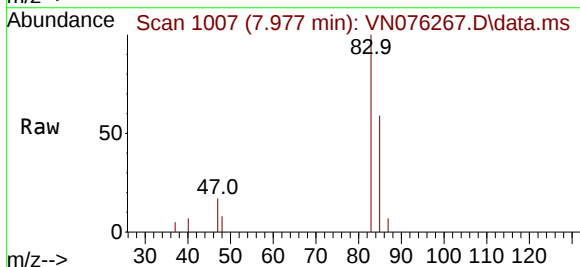
RT: 7.977 min Scan# 1007

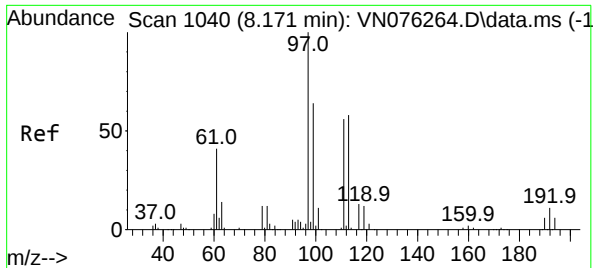
Delta R.T. 0.006 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

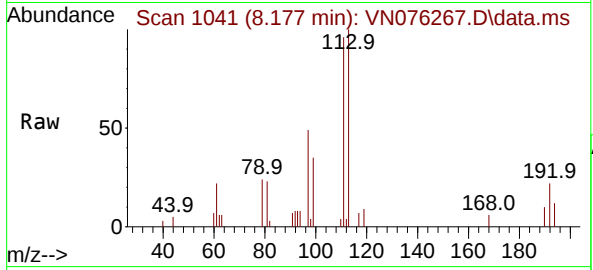
Tgt Ion: 83	Resp: 6556
Ion Ratio	Lower Upper
83	100
85	59.0 51.0 76.6





#32
 1,1,1-Trichloroethane
 Concen: 0.992 ug/l
 RT: 8.177 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17

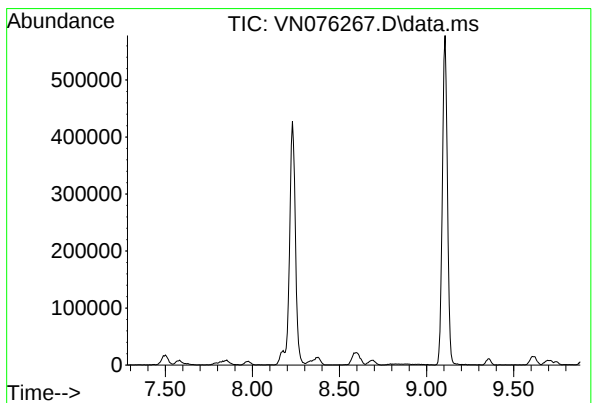
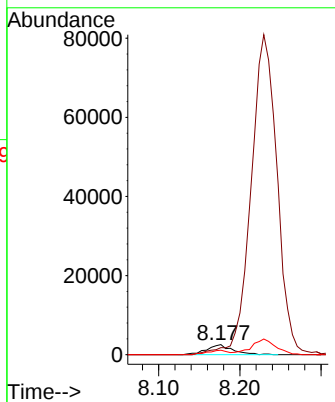
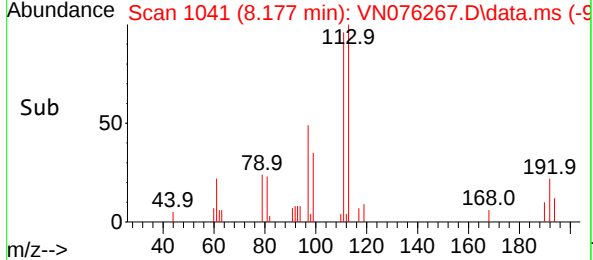
Instrument : MSVOA_N
 ClientSampleId : VSTDIC001



Tgt Ion:	97	Resp:	5670
Ion	Ratio	Lower	Upper
97	100		
99	0.0	55.0	82.4
61	33.8	36.2	54.4

Manual Integrations
 APPROVED

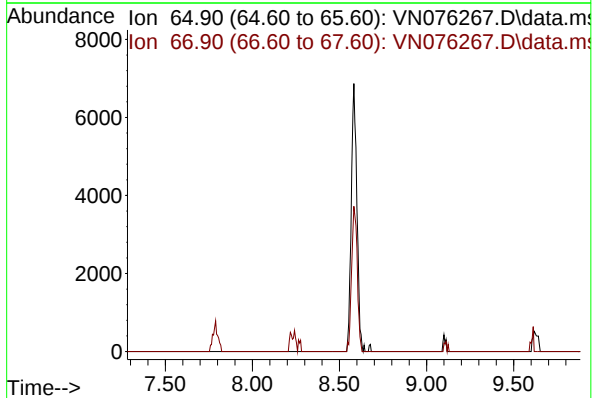
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

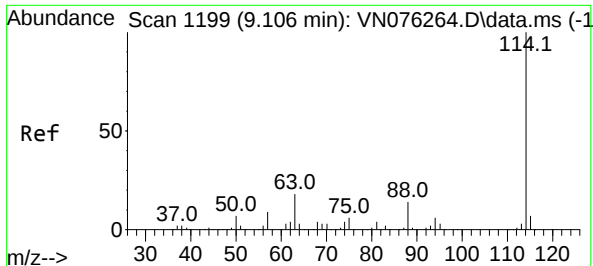


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17

Tgt Ion:	65
Sig	Exp Ratio
65	100
67	52.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 525210

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

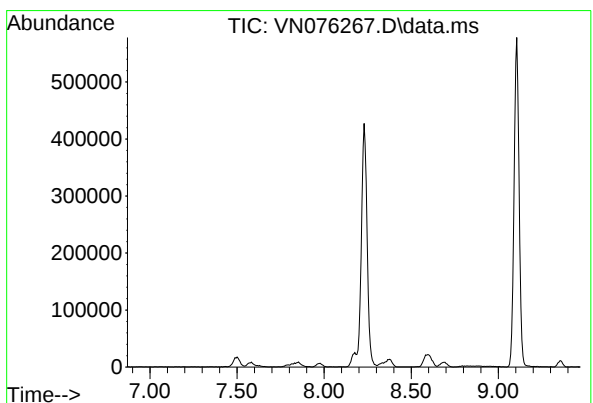
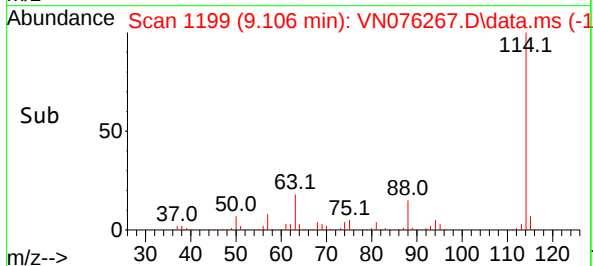
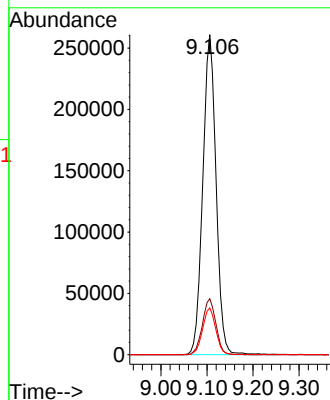
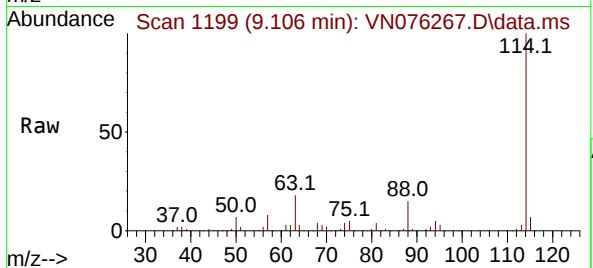
88 14.6 0.0 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

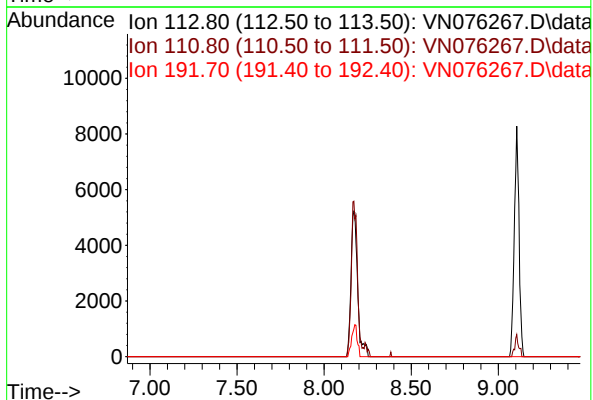
Tgt Ion: 113

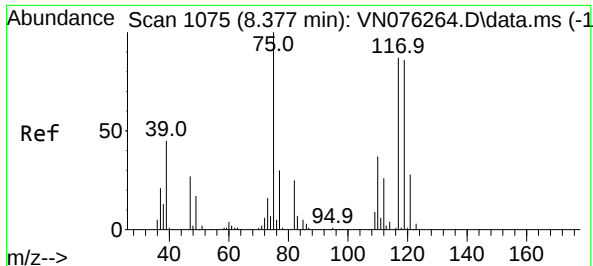
Sig Exp Ratio

113 100

111 103.4

192 19.5





#36

1,1-Dichloropropene

Concen: 1.009 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

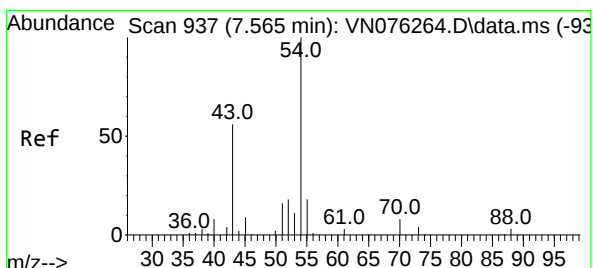
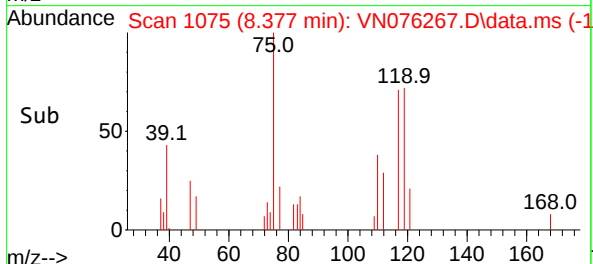
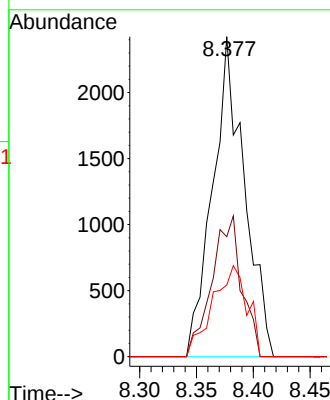
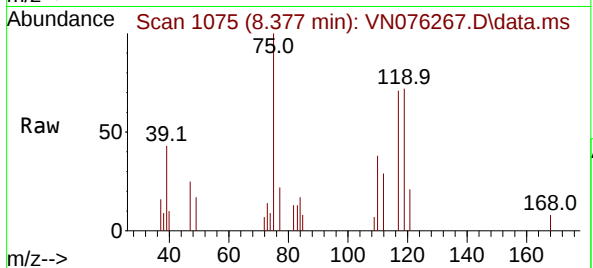
Tgt Ion:	75	Resp:	470
Ion	Ratio	Lower	Upper
75	100		
110	41.5	18.8	56.3
77	30.9	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#37

Ethyl Acetate

Concen: 1.615 ug/l

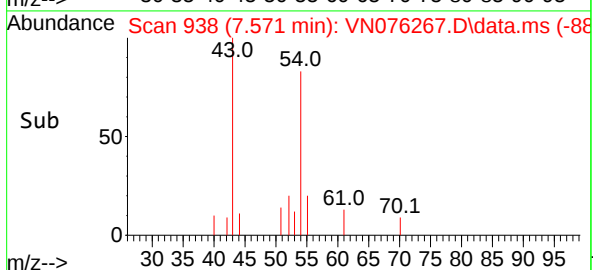
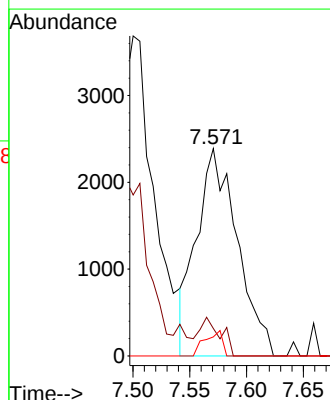
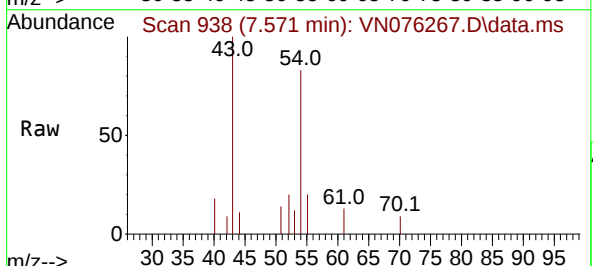
RT: 7.571 min Scan# 938

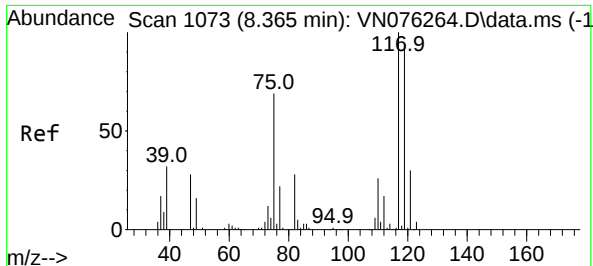
Delta R.T. 0.006 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

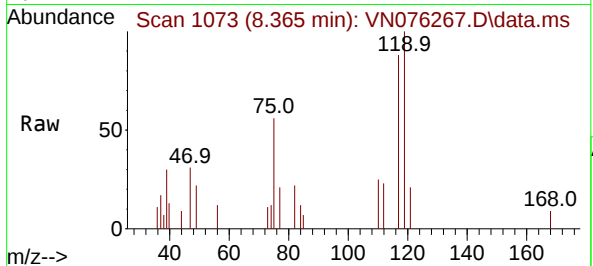
Tgt Ion:	43	Resp:	5970
Ion	Ratio	Lower	Upper
43	100		
61	9.4	11.1	16.7#
70	5.2	10.0	15.0#





#38
Carbon Tetrachloride
Concen: 1.003 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

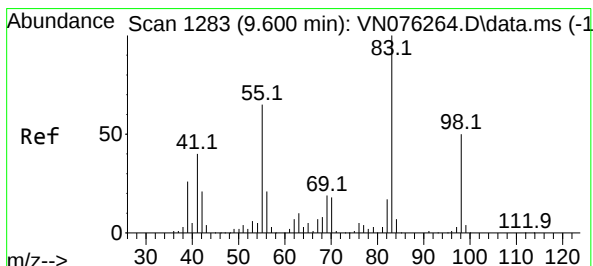
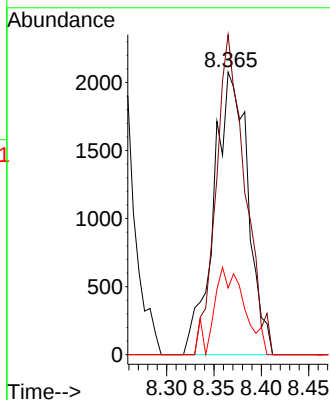
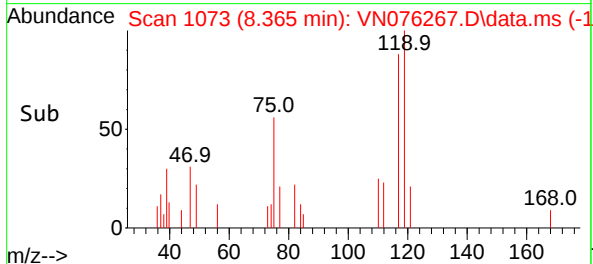
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



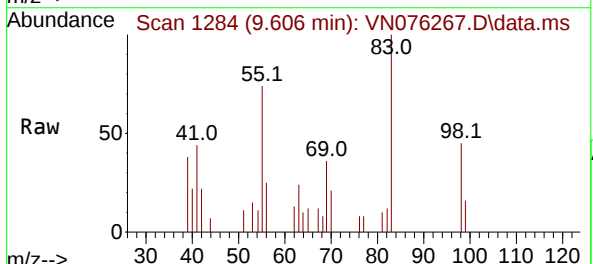
Tgt Ion: 117 Resp: 5200
Ion Ratio Lower Upper
117 100
119 113.2 75.4 113.0
121 23.5 24.2 36.2

Manual Integrations
APPROVED

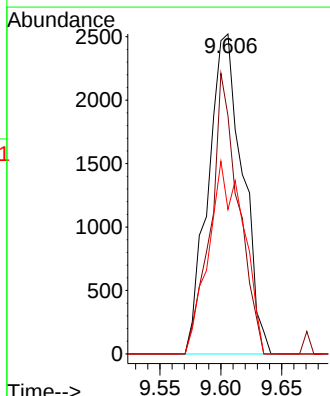
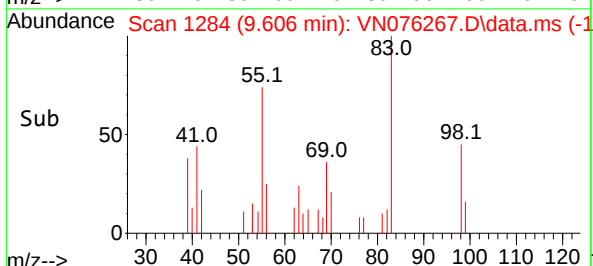
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

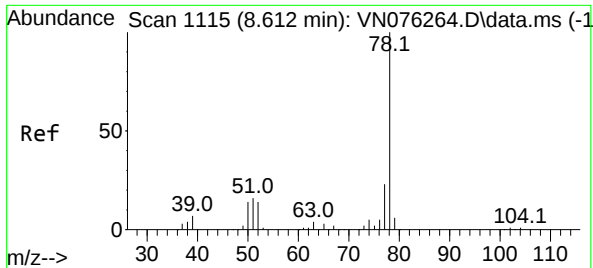


#39
Methylcyclohexane
Concen: 0.883 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 83 Resp: 4976
Ion Ratio Lower Upper
83 100
55 74.5 51.7 77.5
98 45.1 40.0 60.0





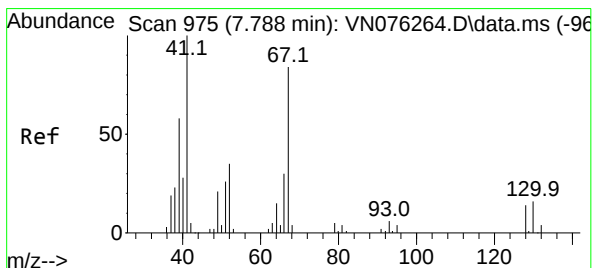
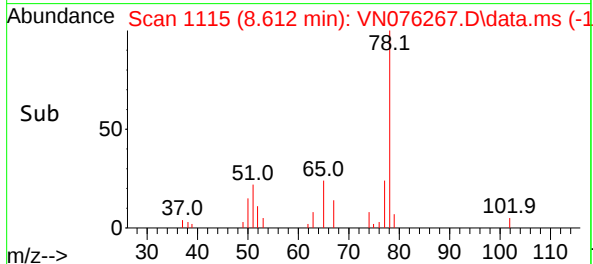
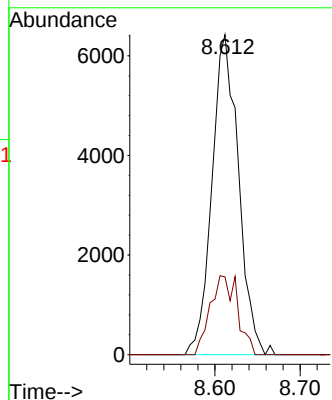
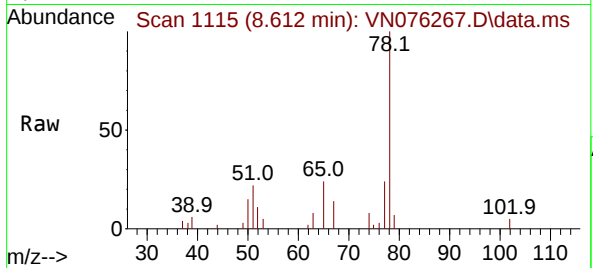
#40
Benzene
Concen: 1.000 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 13870
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

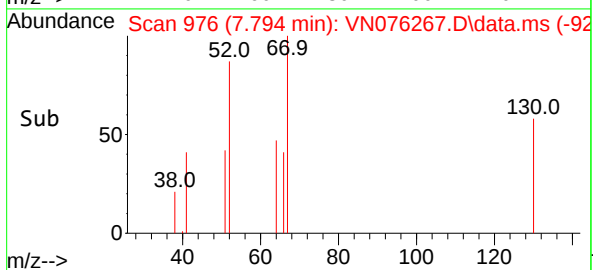
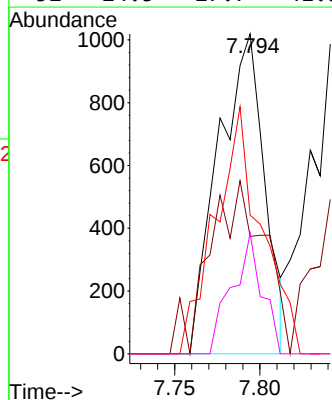
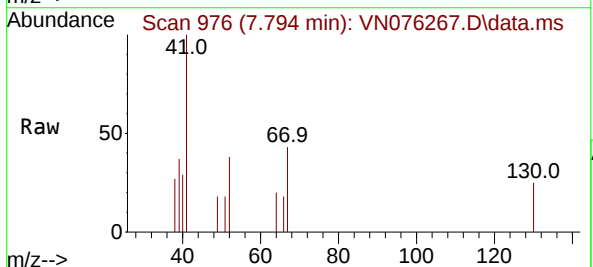
Manual Integrations
APPROVED

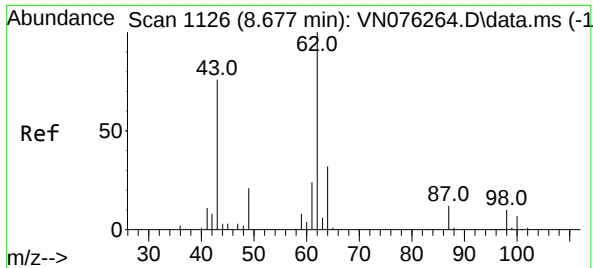
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#41
Methacrylonitrile
Concen: 1.009 ug/l
RT: 7.794 min Scan# 976
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion: 41 Resp: 1921
Ion Ratio Lower Upper
41 100
39 64.8 42.4 63.6#
67 76.6 68.8 103.2
52 24.5 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 1.039 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 4952

Ion Ratio Lower Upper

62 100

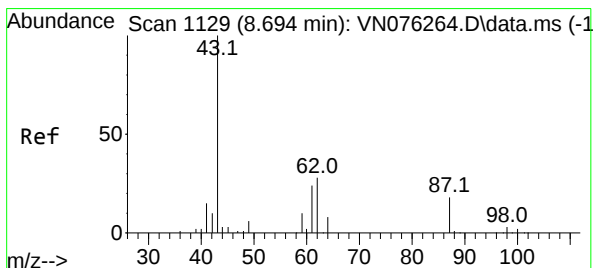
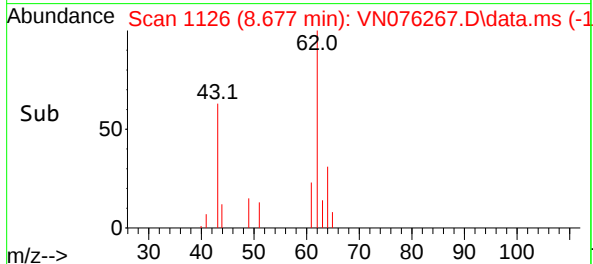
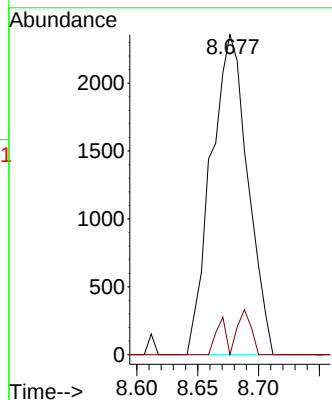
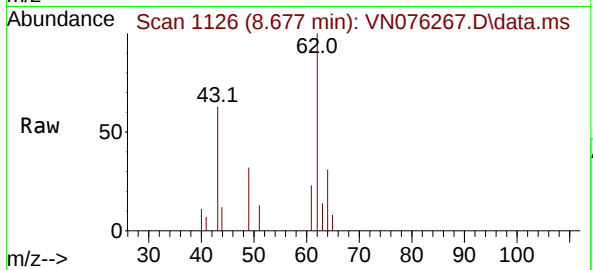
98 3.1 0.0 20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#43

Isopropyl Acetate

Concen: 0.739 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

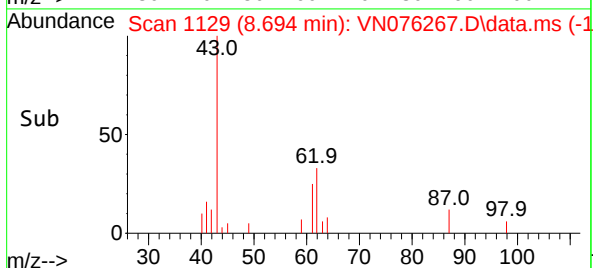
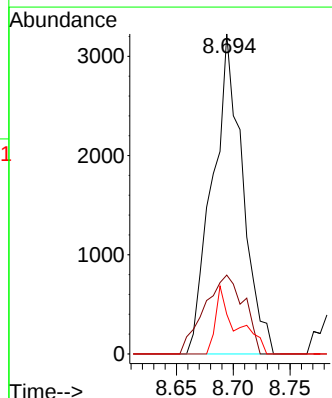
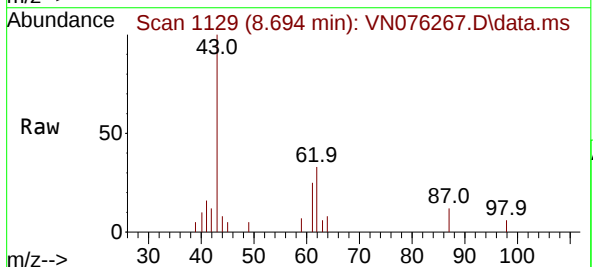
Tgt Ion: 43 Resp: 5924

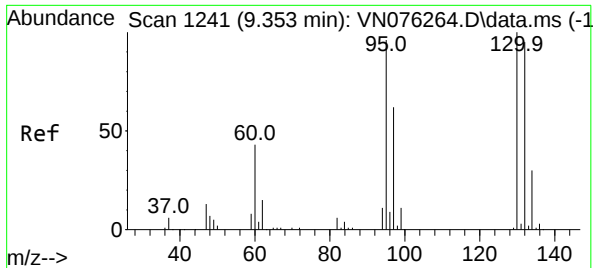
Ion Ratio Lower Upper

43 100

61 32.5 23.5 35.3

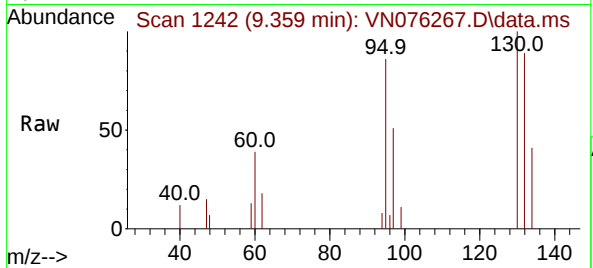
87 14.5 13.8 20.6





#44
Trichloroethene
Concen: 1.077 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

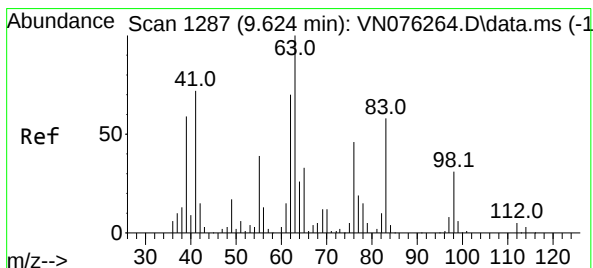
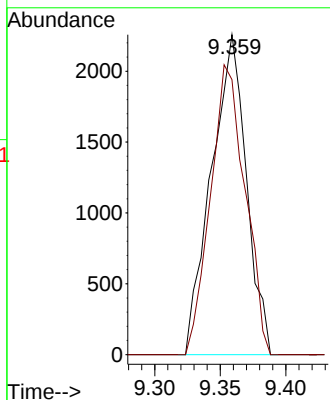
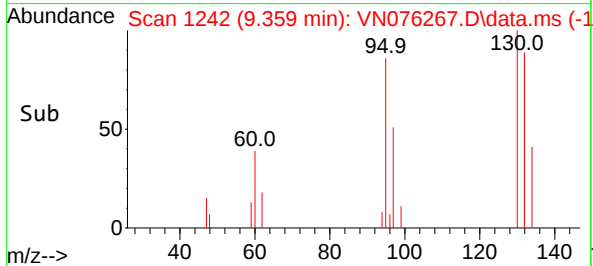
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



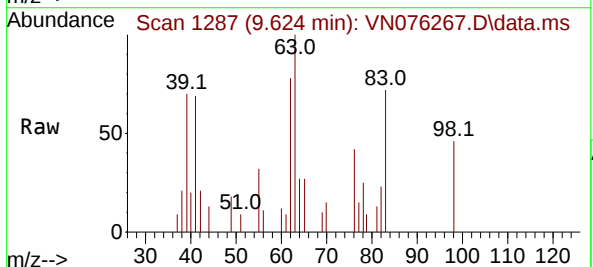
Tgt Ion:130 Resp: 4194
Ion Ratio Lower Upper
130 100
95 86.0 0.0 192.0

Manual Integrations
APPROVED

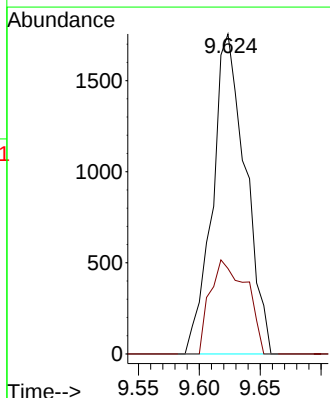
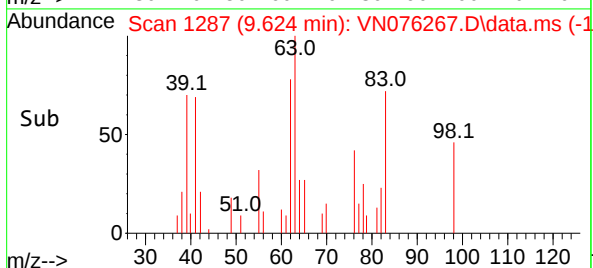
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

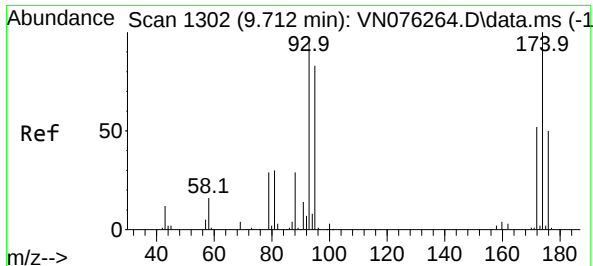


#45
1,2-Dichloropropane
Concen: 0.994 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



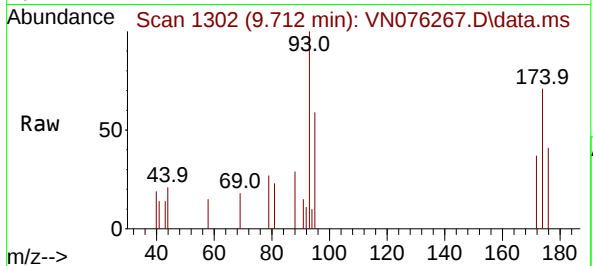
Tgt Ion: 63 Resp: 3308
Ion Ratio Lower Upper
63 100
65 26.7 26.4 39.6





#46
Dibromomethane
Concen: 1.027 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

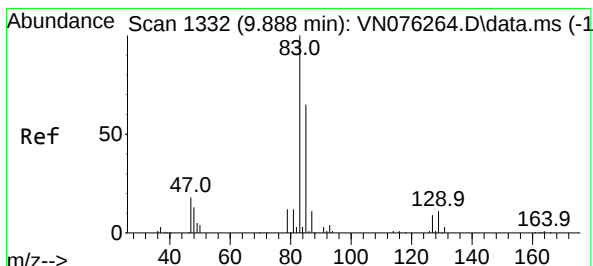
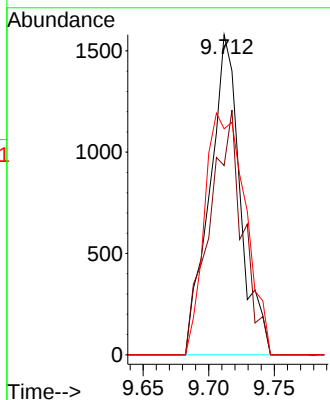
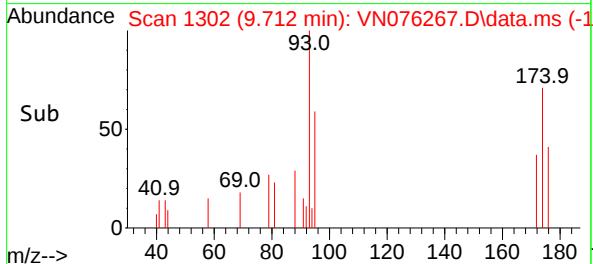
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



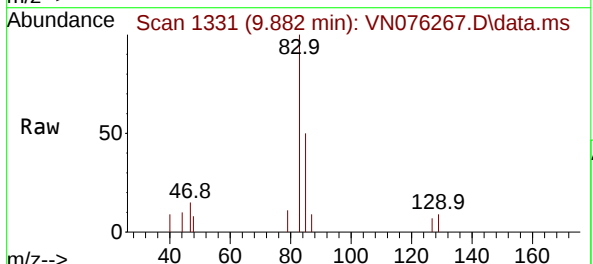
Tgt Ion: 93 Resp: 256
Ion Ratio Lower Upper
93 100
95 83.2 66.0 99.0
174 100.2 81.3 121.9

Manual Integrations
APPROVED

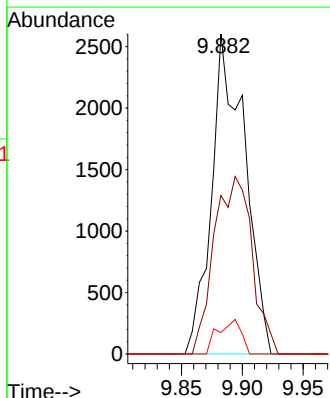
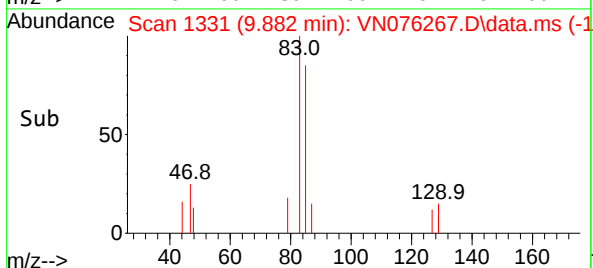
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

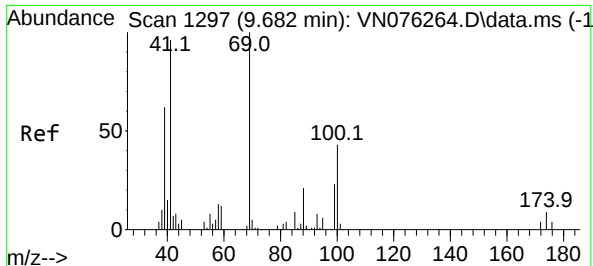


#47
Bromodichloromethane
Concen: 1.024 ug/l
RT: 9.882 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 83 Resp: 4946
Ion Ratio Lower Upper
83 100
85 49.5 52.1 78.1#
127 6.7 7.4 11.0#





#48

Methyl methacrylate

Concen: 1.099 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 3038

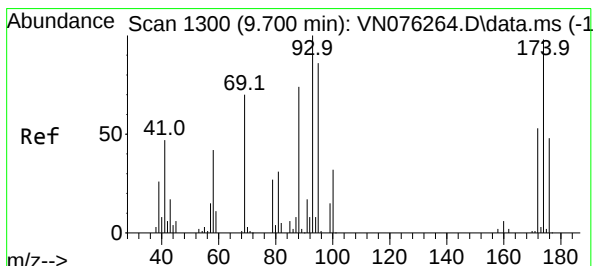
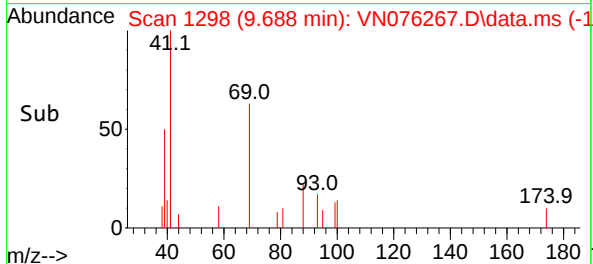
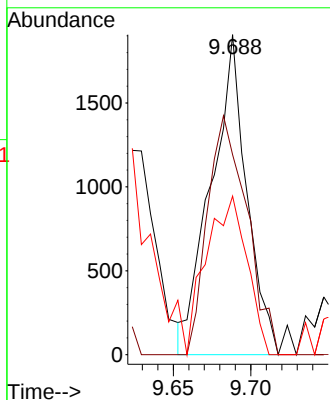
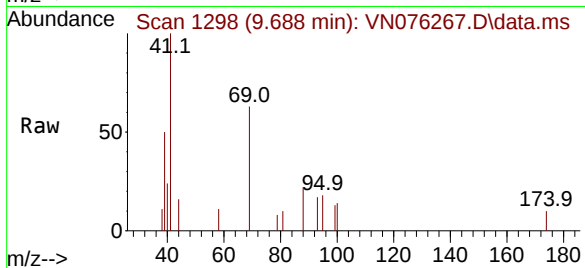
Ion	Ratio	Lower	Upper
41	100		
69	82.9	80.8	121.2
39	56.8	54.4	81.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#49

1,4-Dioxane

Concen: 18.298 ug/l

RT: 9.694 min Scan# 1299

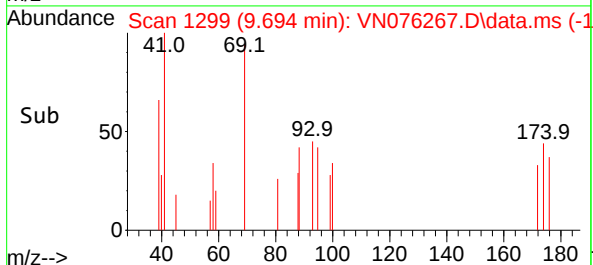
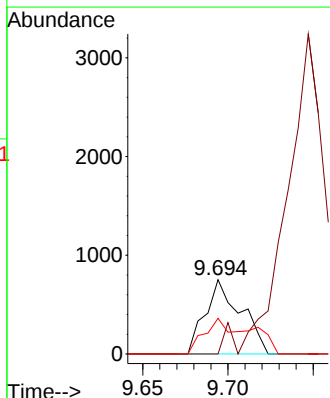
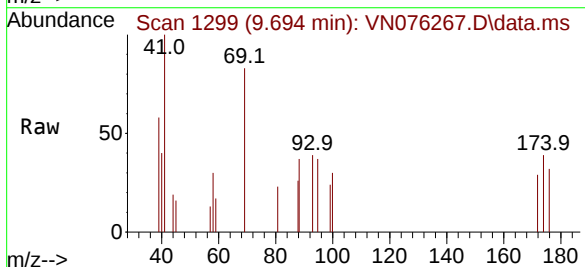
Delta R.T. -0.006 min

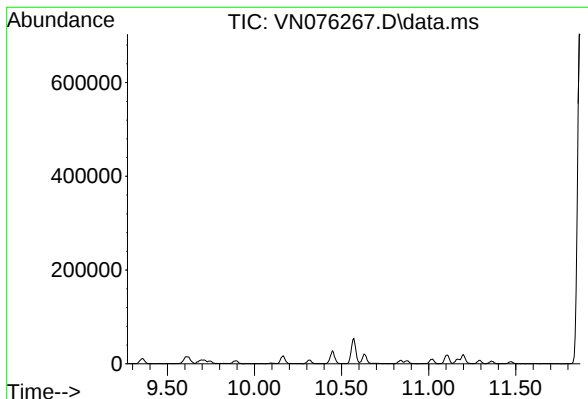
Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Tgt Ion: 88 Resp: 1094

Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.1	27.1#
58	38.9	46.5	69.7#





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

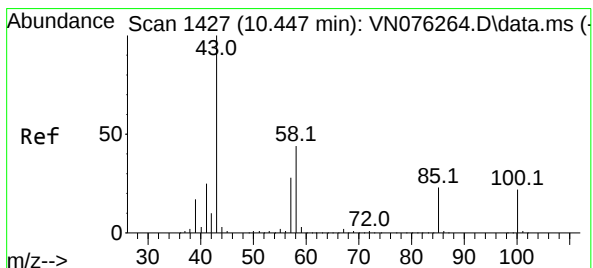
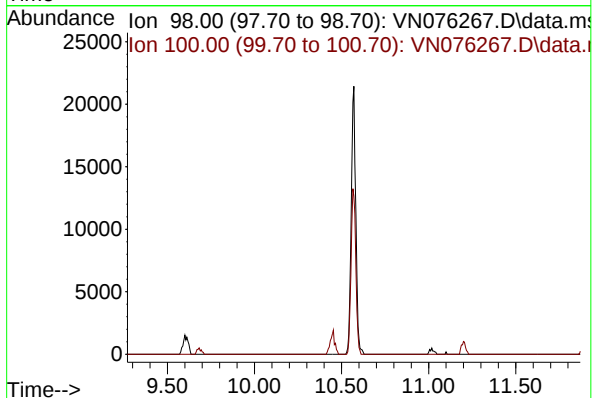
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.3

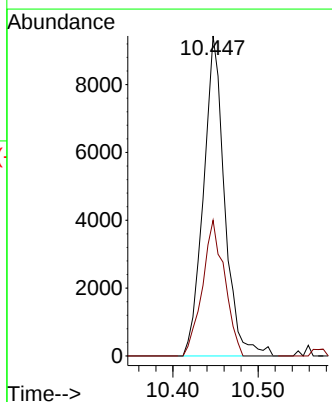
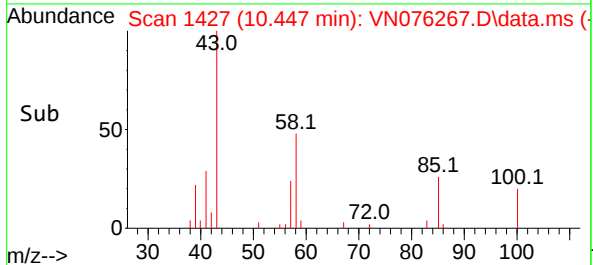
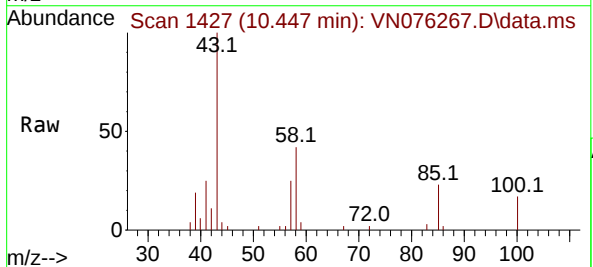
Manual Integrations
APPROVED

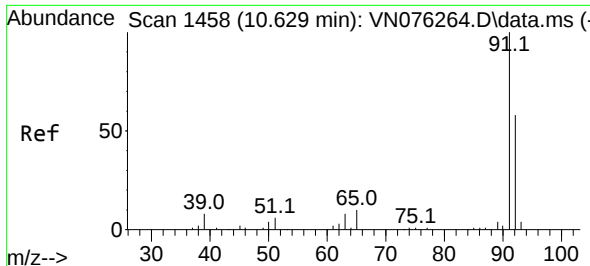
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#51
4-Methyl-2-Pentanone
Concen: 4.592 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

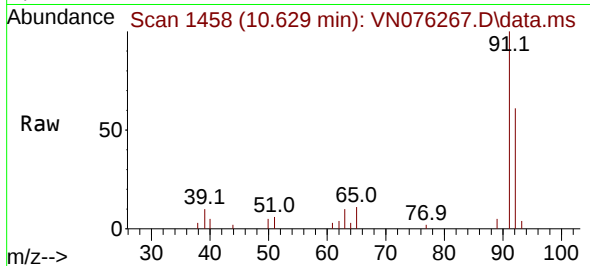
Tgt Ion: 43 Resp: 16305
Ion Ratio Lower Upper
43 100
58 44.4 35.1 52.7





#52
Toluene
Concen: 1.013 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

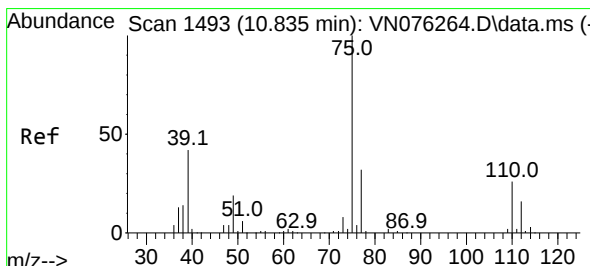
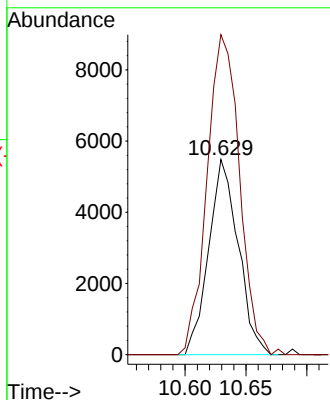
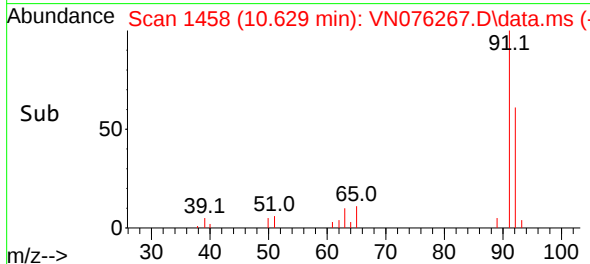
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



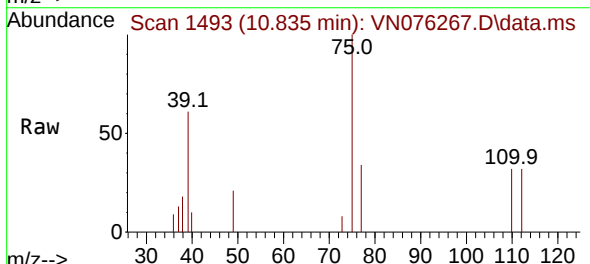
Tgt Ion: 92 Resp: 9278
Ion Ratio Lower Upper
92 100
91 180.0 136.6 205.0

Manual Integrations
APPROVED

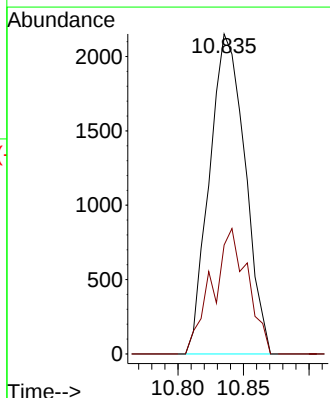
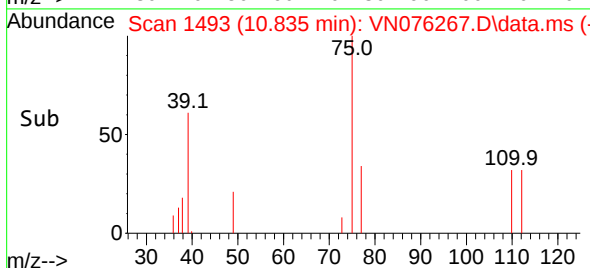
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

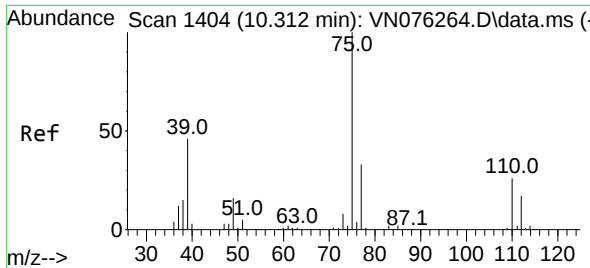


#53
t-1,3-Dichloropropene
Concen: 0.881 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



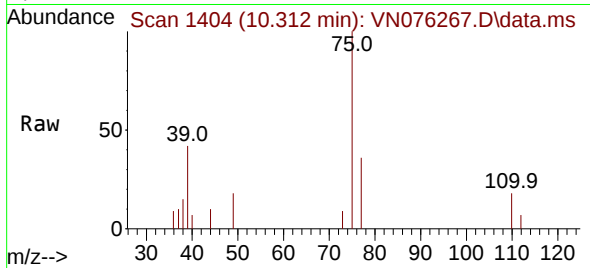
Tgt Ion: 75 Resp: 4058
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.6





#54
cis-1,3-Dichloropropene
Concen: 0.983 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

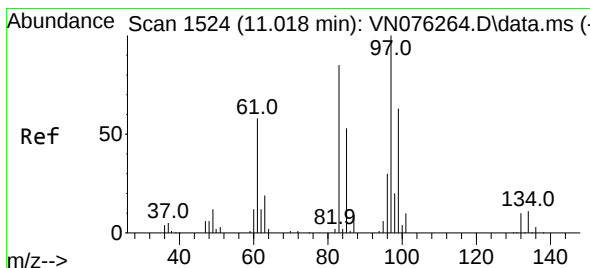
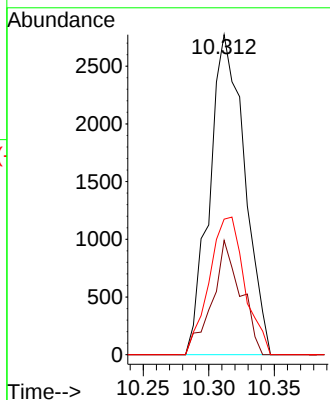
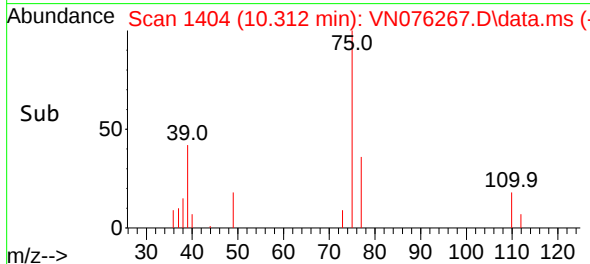
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 5152
Ion Ratio Lower Upper
75 100
77 35.7 26.5 39.7
39 42.3 37.1 55.7

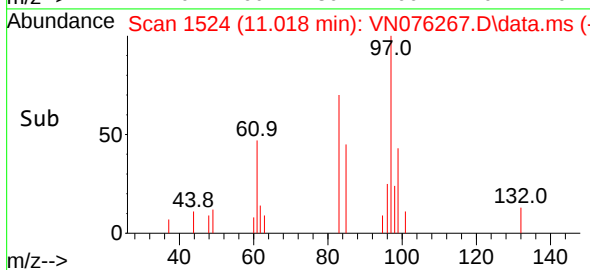
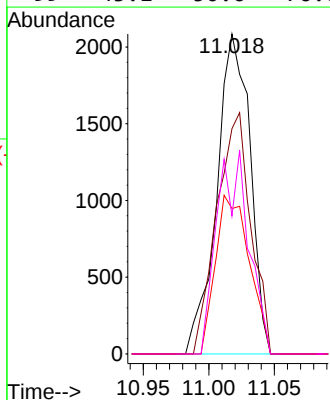
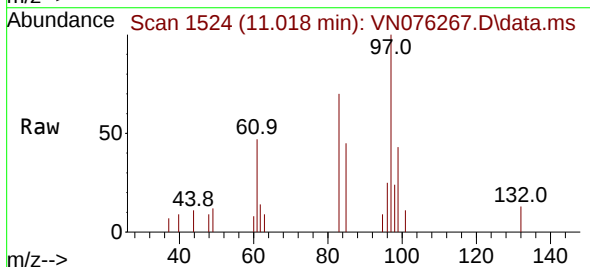
Manual Integrations
APPROVED

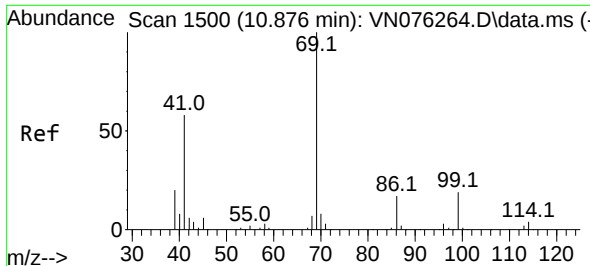
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#55
1,1,2-Trichloroethane
Concen: 1.056 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

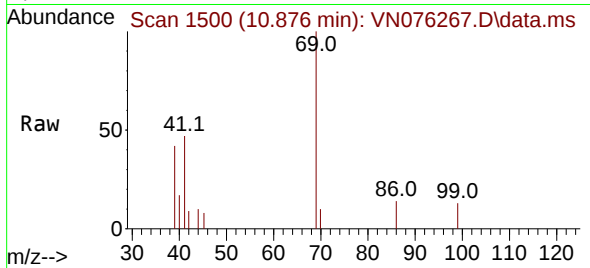
Tgt Ion: 97 Resp: 3677
Ion Ratio Lower Upper
97 100
83 70.4 67.8 101.6
85 45.4 42.3 63.5
99 43.1 50.6 76.0#





#56
Ethyl methacrylate
Concen: 0.880 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

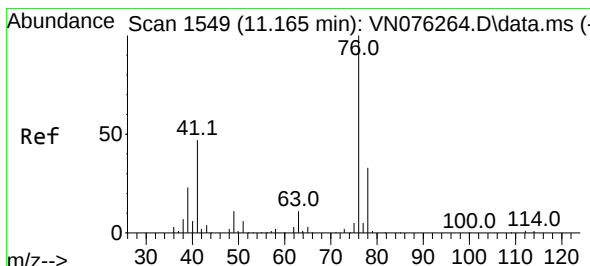
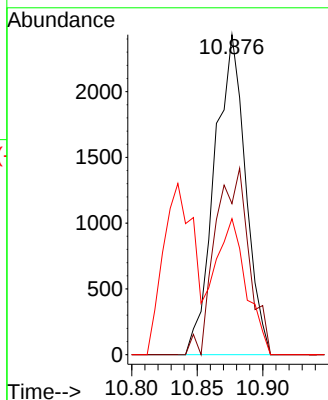
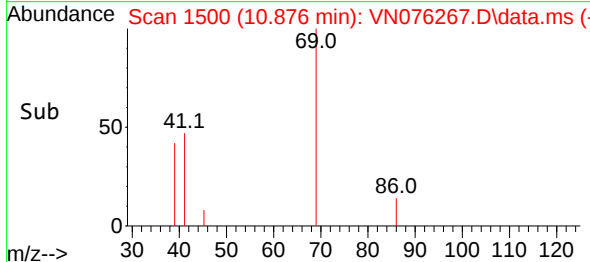
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 400
Ion Ratio Lower Upper
69 100
41 63.5 45.3 67.9
39 38.8 29.3 43.9

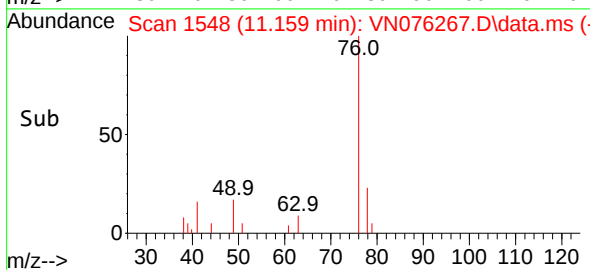
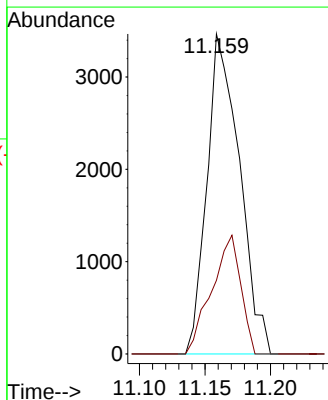
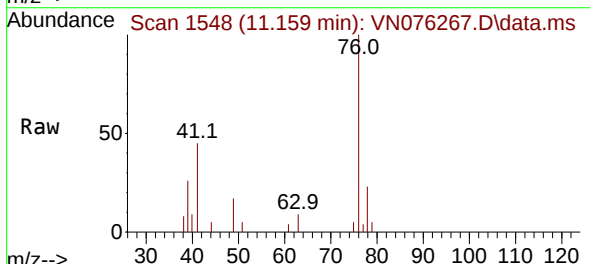
Manual Integrations
APPROVED

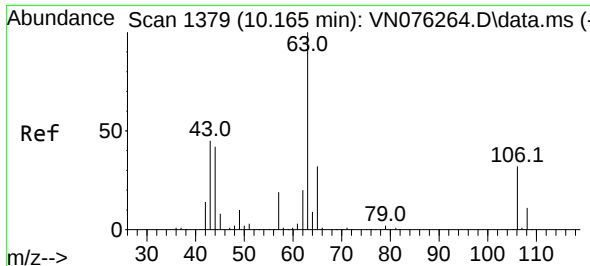
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#57
1,3-Dichloropropane
Concen: 1.066 ug/l
RT: 11.159 min Scan# 1548
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion: 76 Resp: 5990
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6





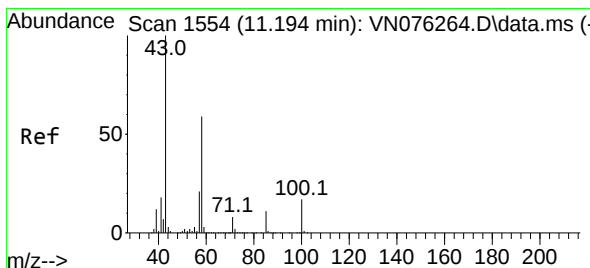
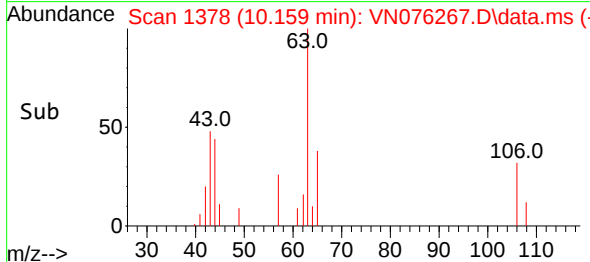
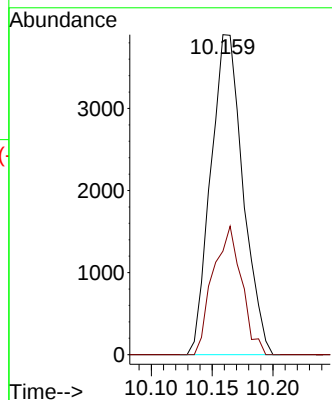
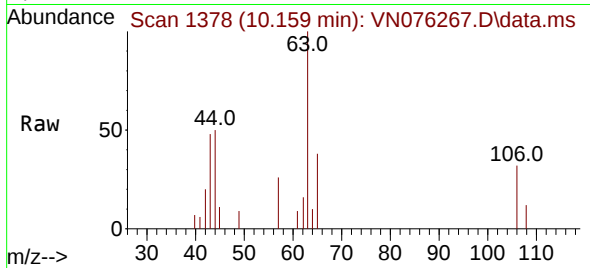
#58
2-Chloroethyl Vinyl ether
Concen: 4.708 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 7188
Ion Ratio Lower Upper
63 100
106 35.8 26.2 39.2

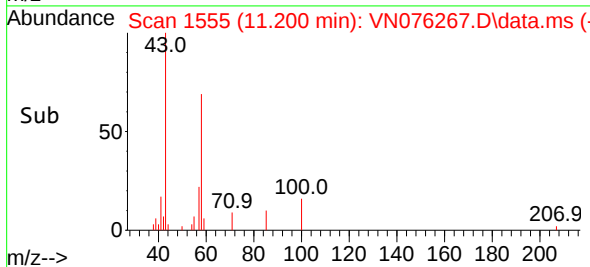
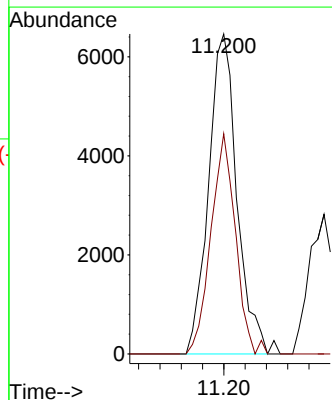
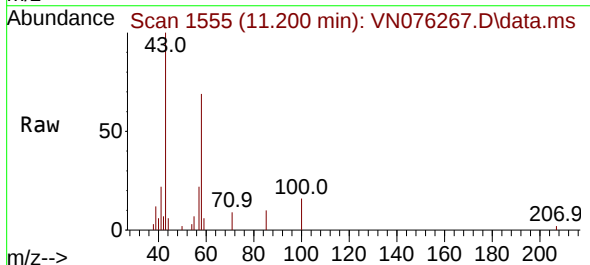
Manual Integrations
APPROVED

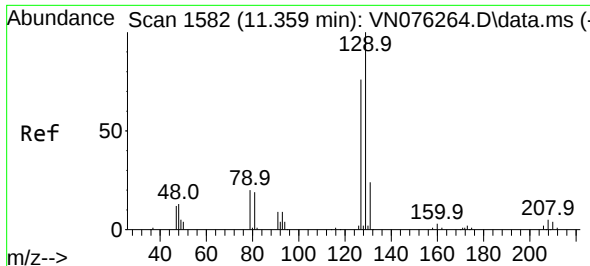
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#59
2-Hexanone
Concen: 4.695 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

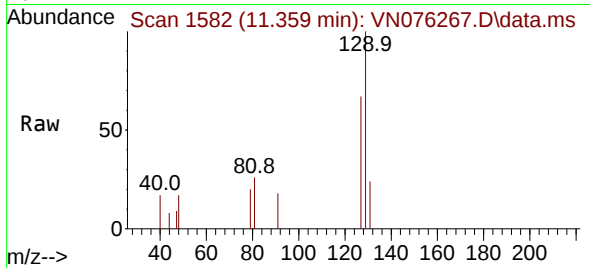
Tgt Ion: 43 Resp: 11990
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.3





#60
Dibromochloromethane
Concen: 0.855 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

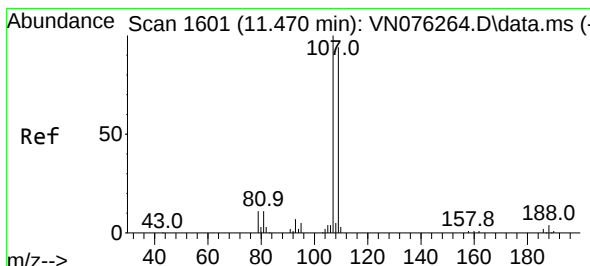
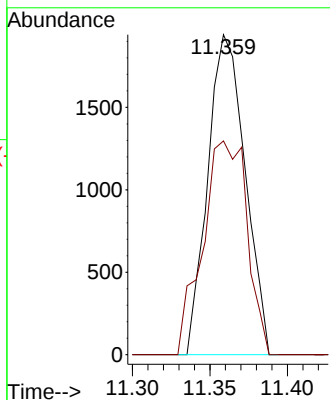
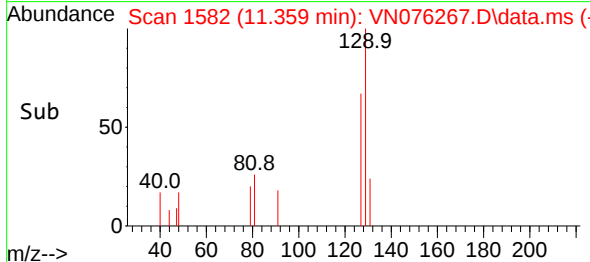
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



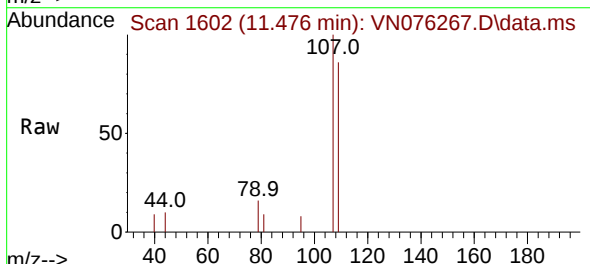
Tgt Ion:129 Resp: 325
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1

Manual Integrations
APPROVED

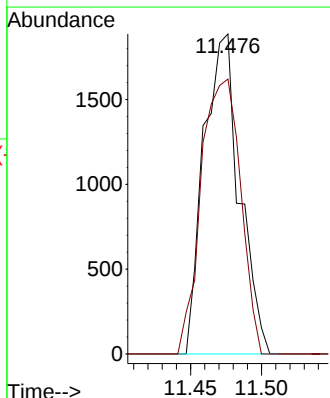
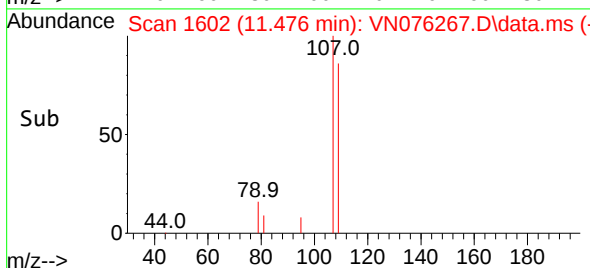
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

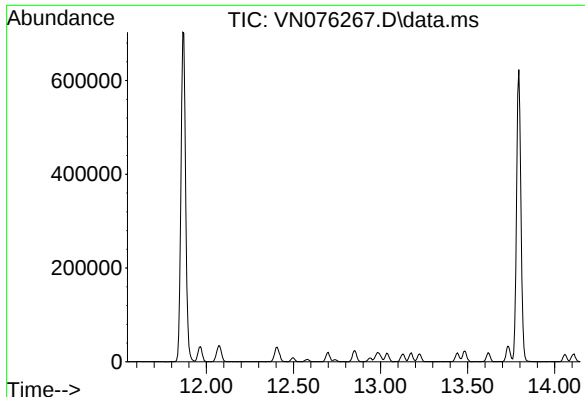


#61
1,2-Dibromoethane
Concen: 0.936 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion:107 Resp: 3300
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0





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

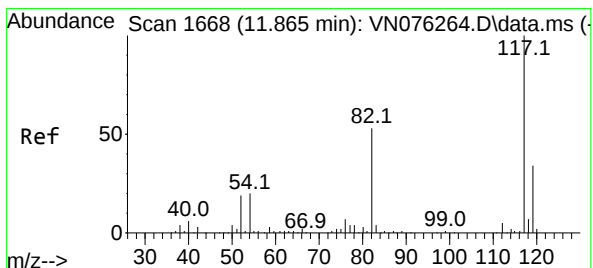
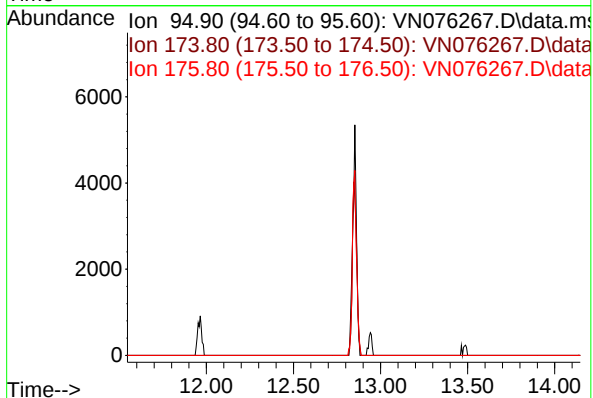
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 87.3
176 83.9

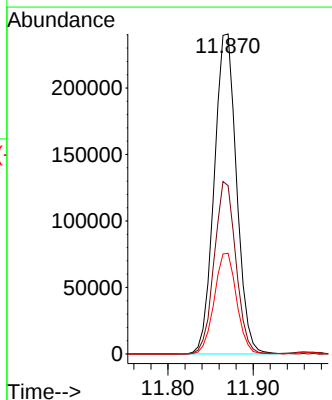
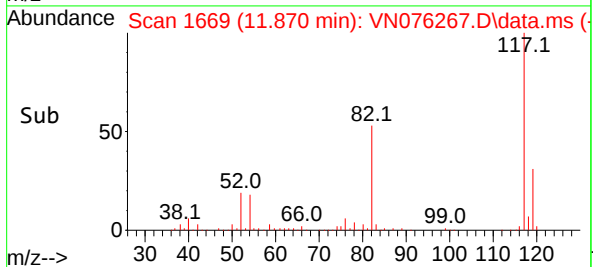
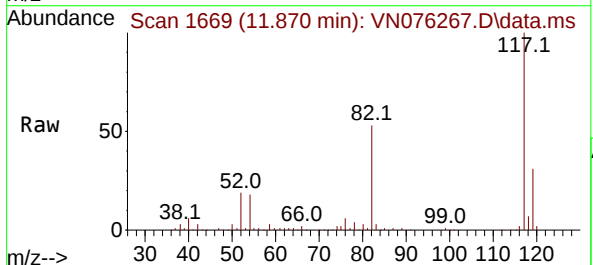
Manual Integrations
APPROVED

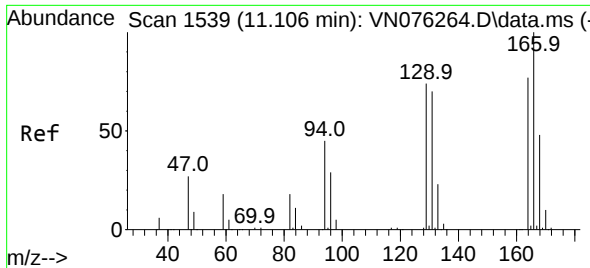
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

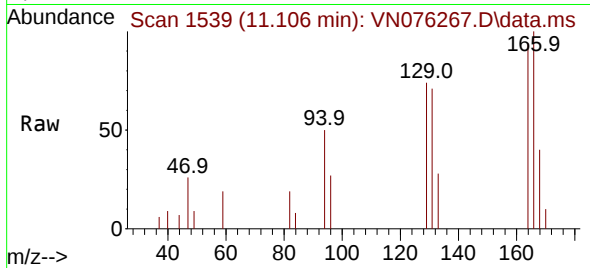
Tgt Ion:117 Resp: 438856
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 31.5 26.9 40.3





#64
Tetrachloroethene
Concen: 1.225 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

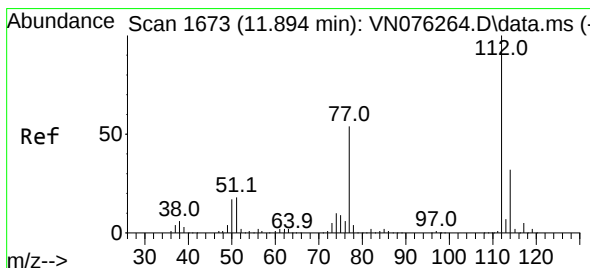
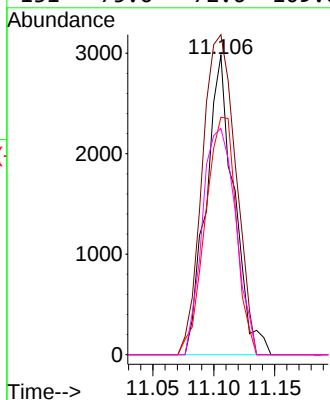
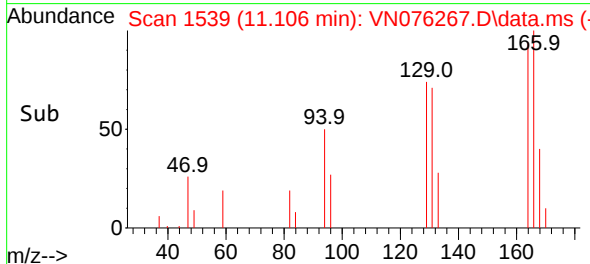
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



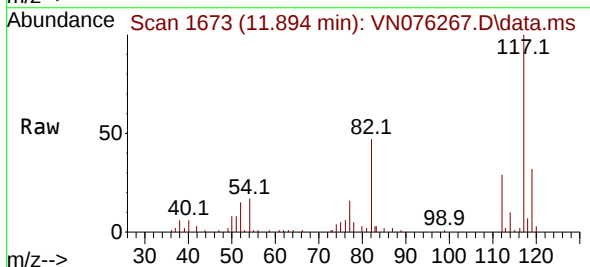
Tgt Ion:164 Resp: 4749
Ion Ratio Lower Upper
164 100
166 106.9 104.0 156.0
129 79.3 76.6 114.8
131 75.6 72.6 109.0

Manual Integrations
APPROVED

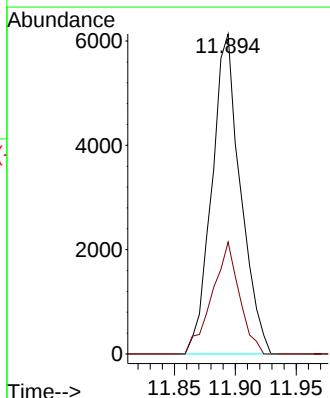
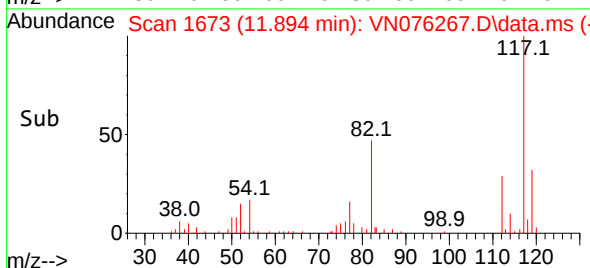
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

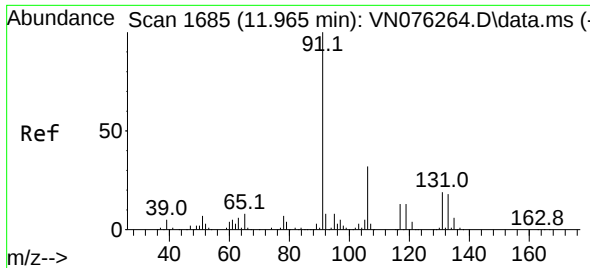


#65
Chlorobenzene
Concen: 1.094 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion:112 Resp: 10056
Ion Ratio Lower Upper
112 100
114 35.0 25.3 37.9





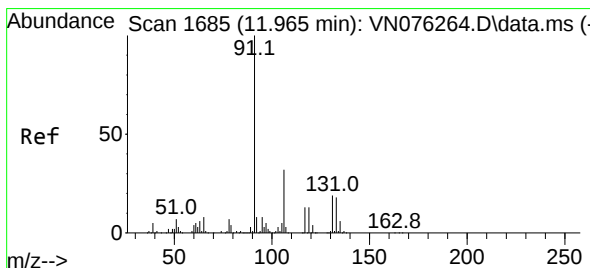
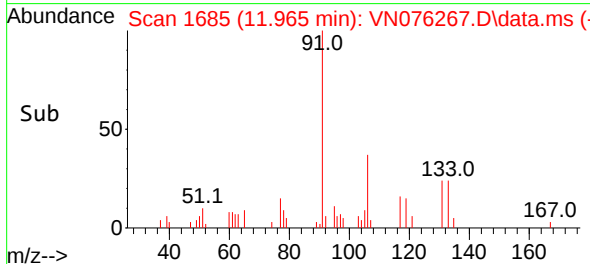
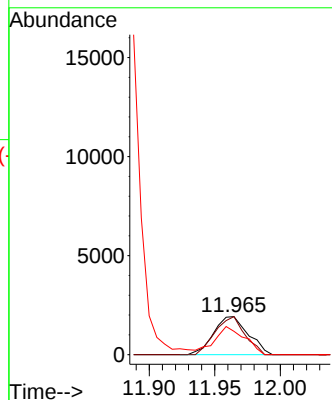
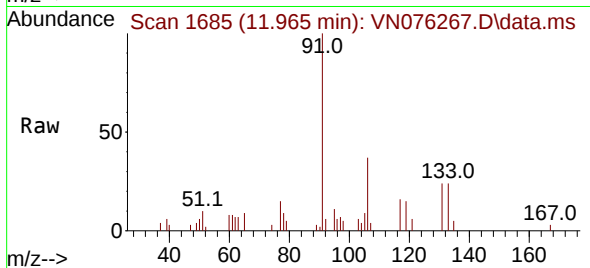
#66
1,1,1,2-Tetrachloroethane
Concen: 1.031 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 3520
Ion Ratio Lower Upper
131 100
133 85.9 47.4 142.2
119 0.0 32.3 96.8

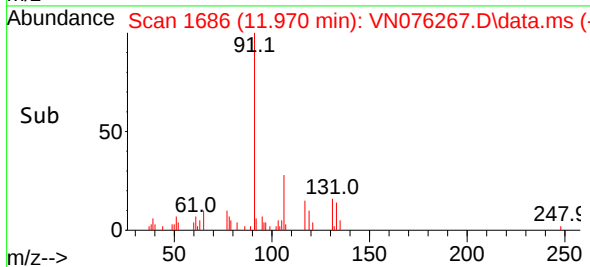
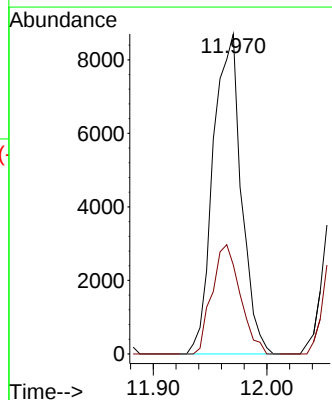
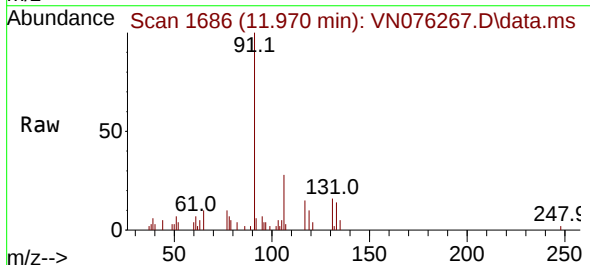
Manual Integrations
APPROVED

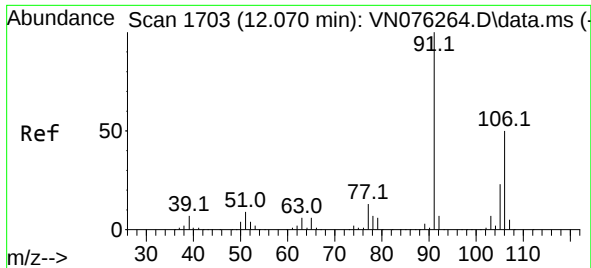
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#67
Ethyl Benzene
Concen: 0.950 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion: 91 Resp: 15017
Ion Ratio Lower Upper
91 100
106 27.8 25.5 38.3





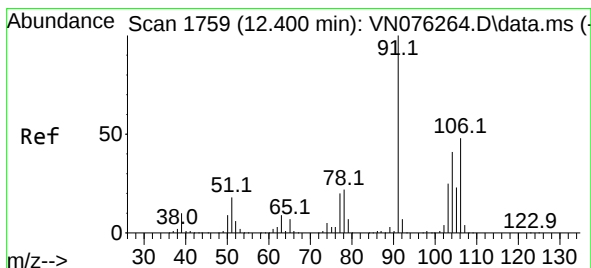
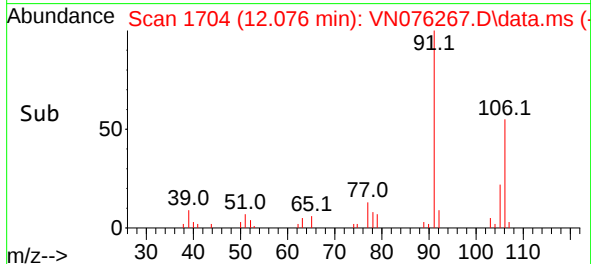
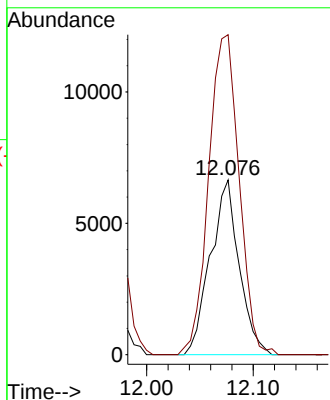
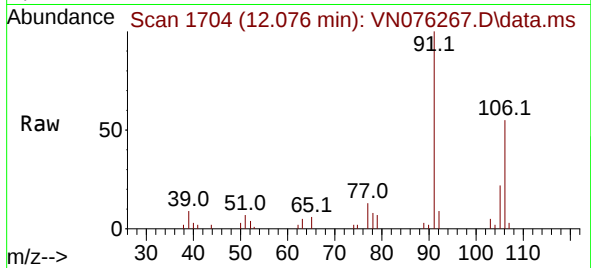
#68
m/p-Xylenes
Concen: 1.996 ug/l
RT: 12.076 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1245
Ion Ratio Lower Upper
106 100
91 193.8 157.5 236.3

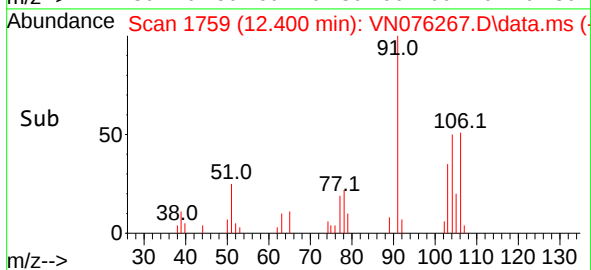
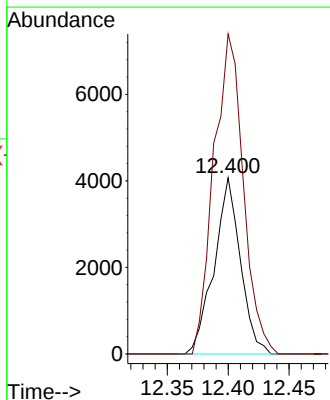
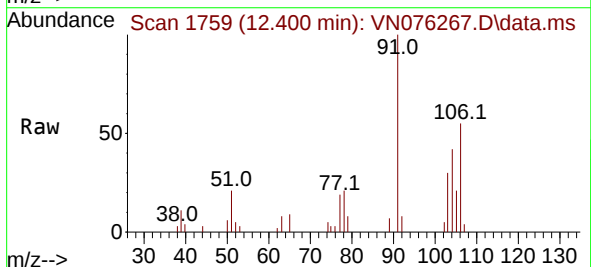
Manual Integrations
APPROVED

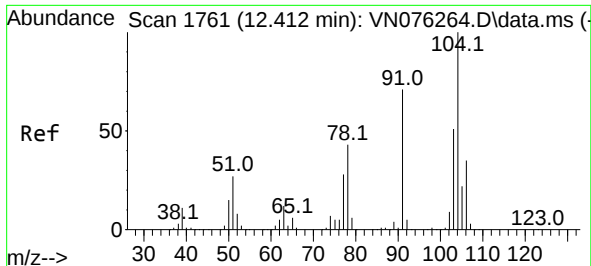
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#69
o-Xylene
Concen: 1.002 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

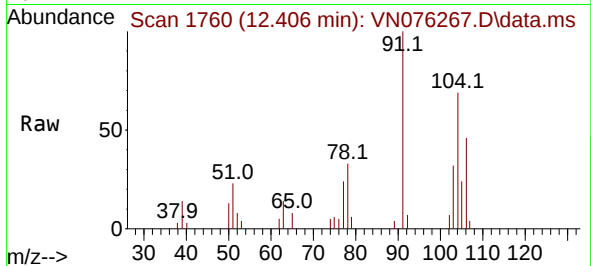
Tgt Ion:106 Resp: 6131
Ion Ratio Lower Upper
106 100
91 203.6 103.2 309.4





#70
Styrene
Concen: 0.994 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

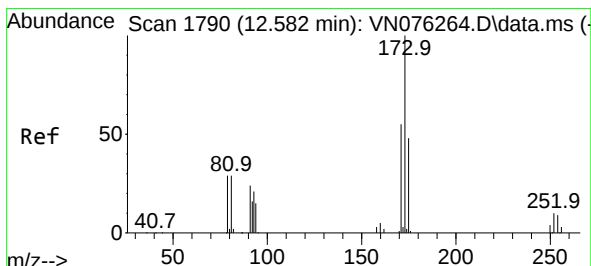
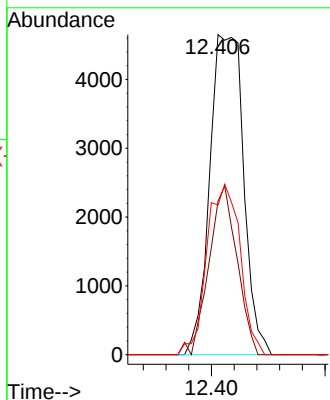
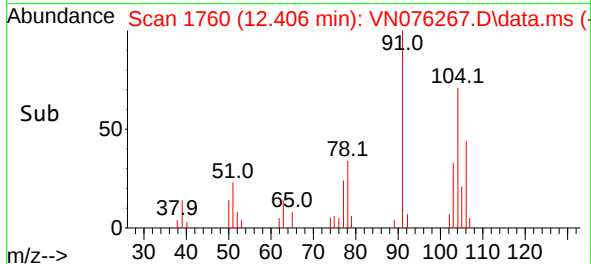
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:104 Resp: 9624
Ion Ratio Lower Upper
104 100
78 43.9 37.4 56.0
103 52.3 44.2 66.2

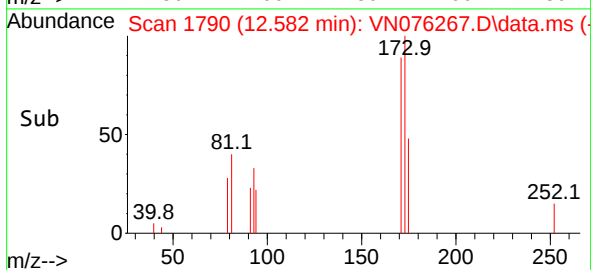
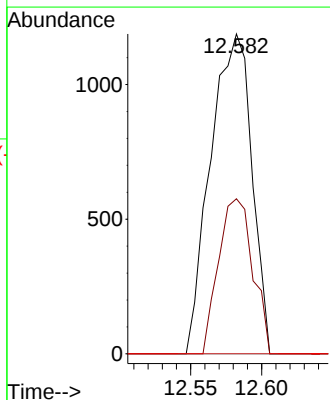
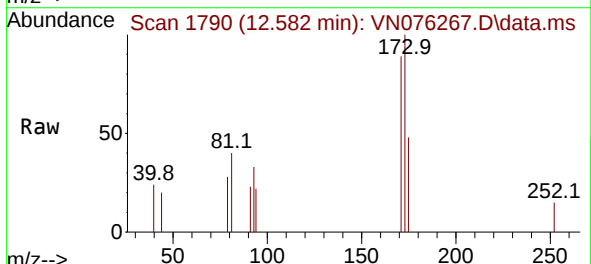
Manual Integrations
APPROVED

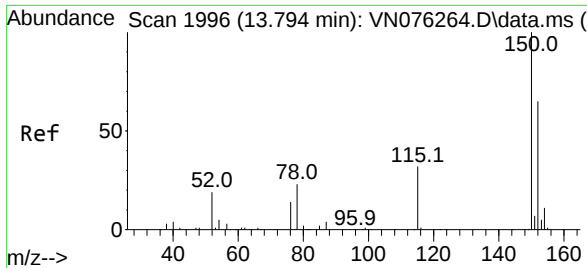
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#71
Bromoform
Concen: 0.967 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

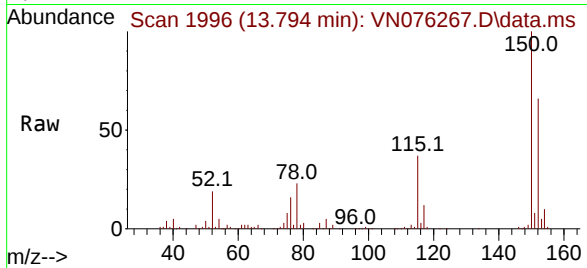
Tgt Ion:173 Resp: 2396
Ion Ratio Lower Upper
173 100
175 40.2 24.1 72.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

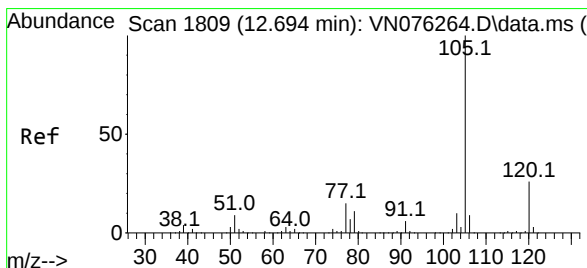
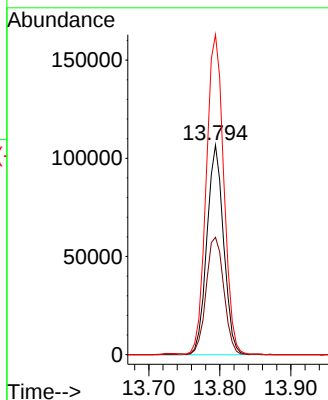
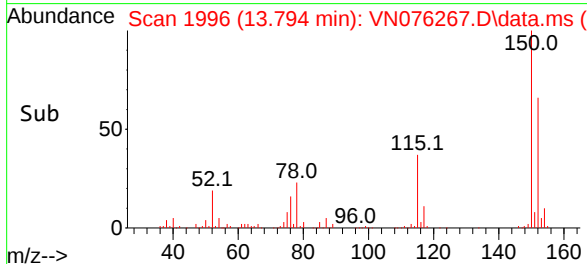
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



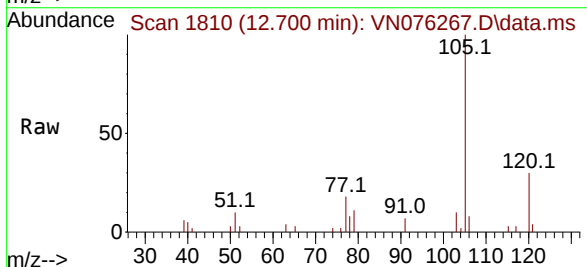
Tgt Ion:152 Resp: 174890
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.9
150 159.8 0.0 351.4

Manual Integrations
APPROVED

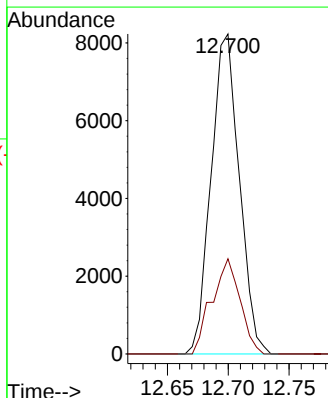
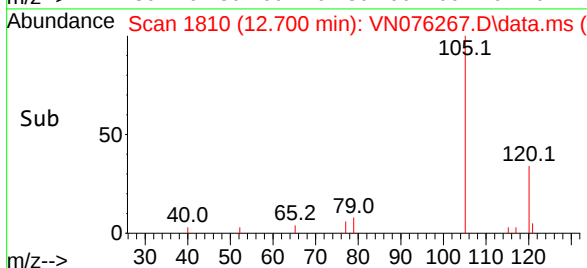
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

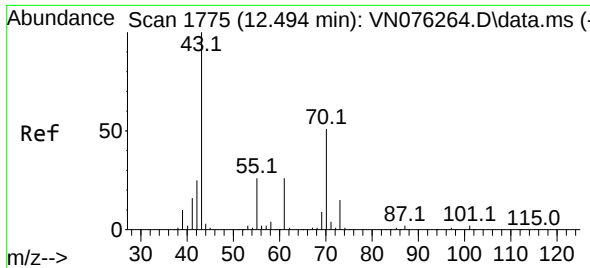


#73
Isopropylbenzene
Concen: 0.994 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



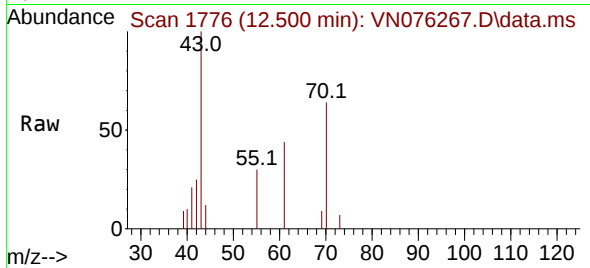
Tgt Ion:105 Resp: 13268
Ion Ratio Lower Upper
105 100
120 29.8 13.4 40.1





#74
N-amy1 acetate
Concen: 1.073 ug/l
RT: 12.500 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

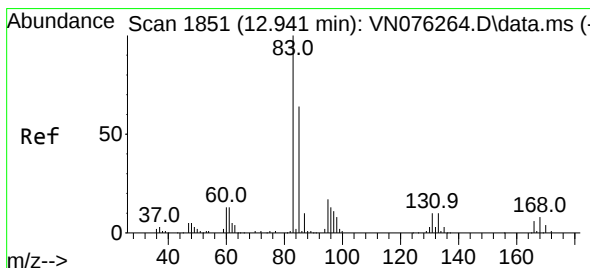
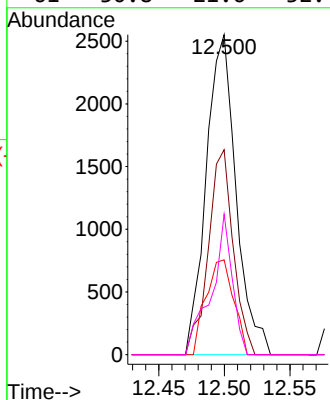
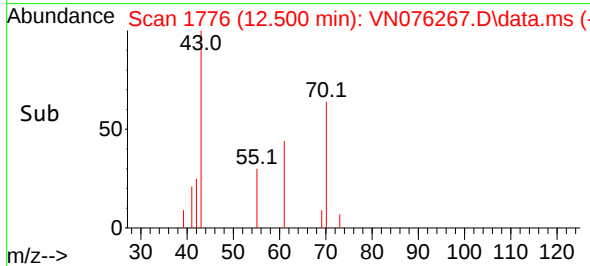
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 4038
Ion Ratio Lower Upper
43 100
70 53.4 41.2 61.8
55 27.5 21.0 31.6
61 30.8 21.6 32.4

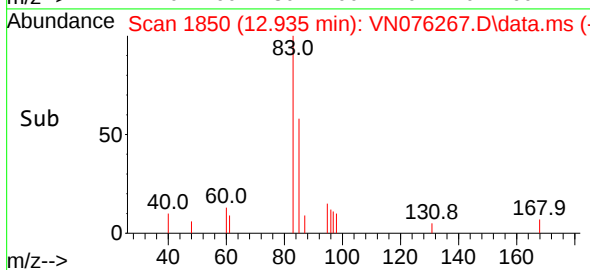
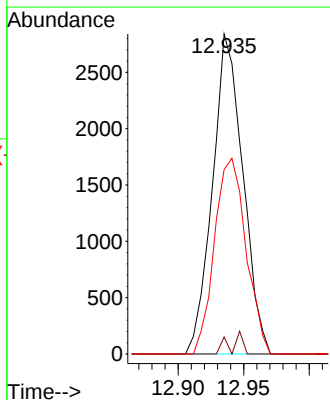
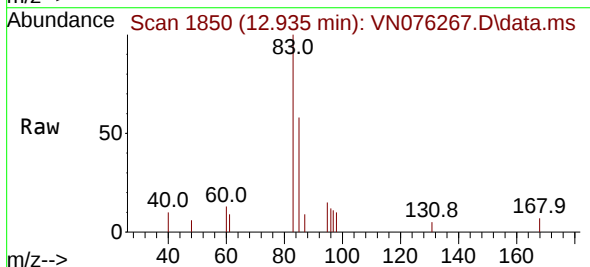
Manual Integrations
APPROVED

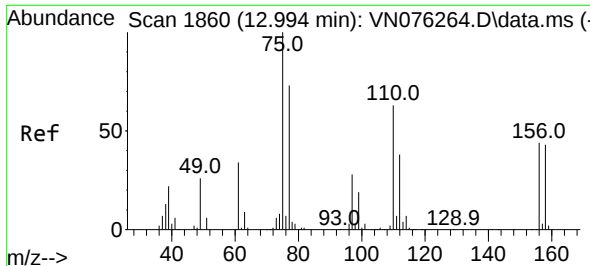
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.168 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

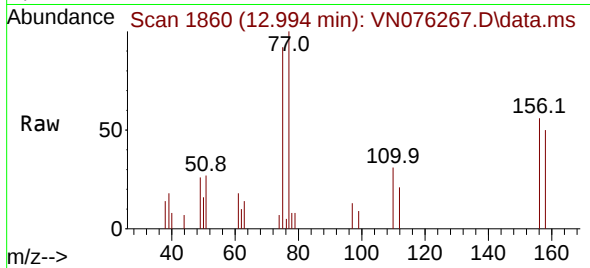
Tgt Ion: 83 Resp: 4580
Ion Ratio Lower Upper
83 100
131 1.2 5.5 16.4#
85 63.3 31.7 95.1





#76
1,2,3-Trichloropropane
Concen: 1.203 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

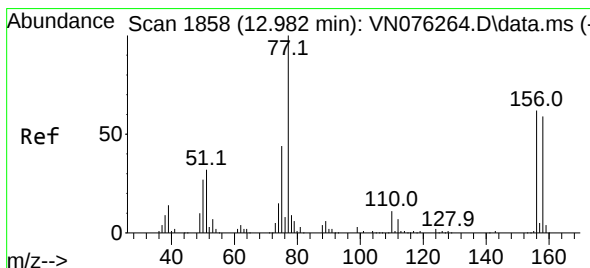
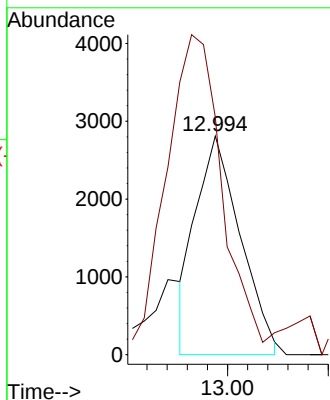
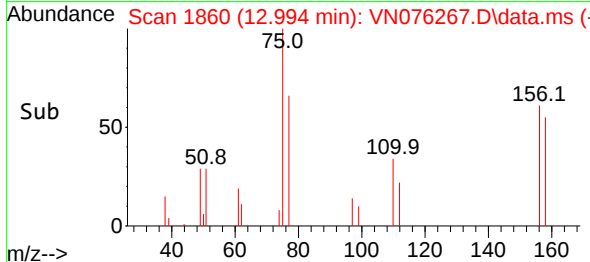
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



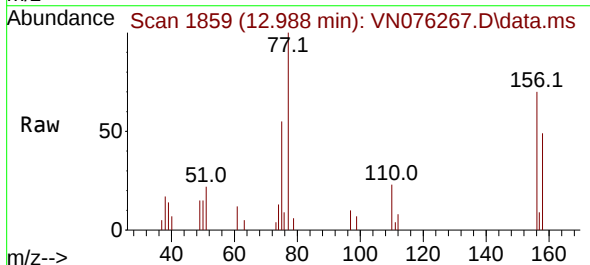
Tgt Ion: 75 Resp: 4328
Ion Ratio Lower Upper
75 100
77 186.0 75.2 225.6

Manual Integrations
APPROVED

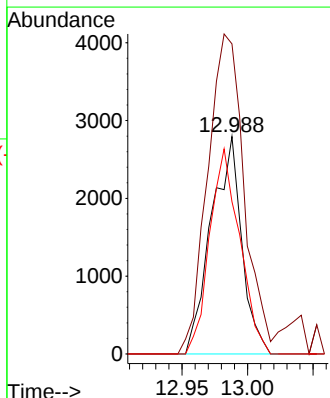
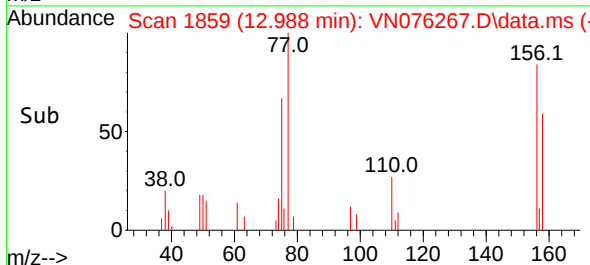
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

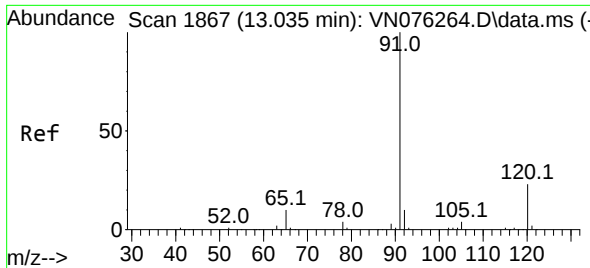


#77
Bromobenzene
Concen: 1.355 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion:156 Resp: 4512
Ion Ratio Lower Upper
156 100
77 178.5 93.4 280.2
158 93.4 48.4 145.2





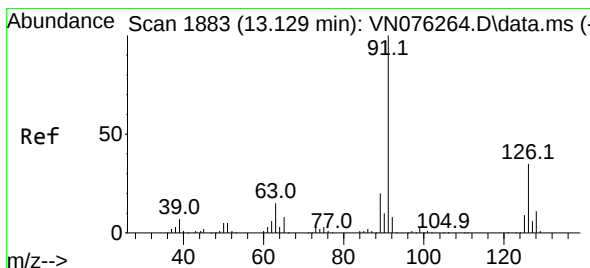
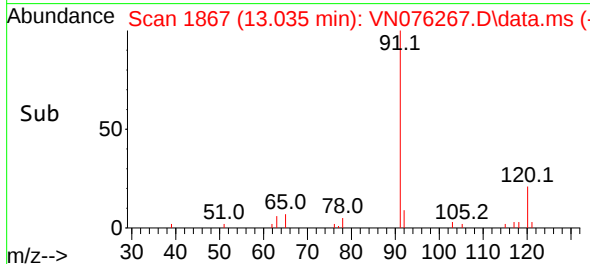
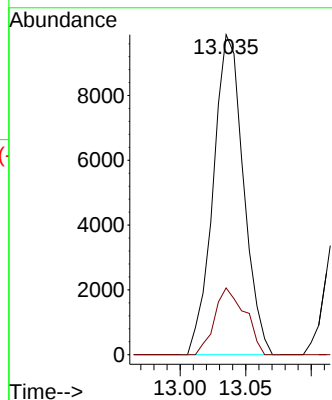
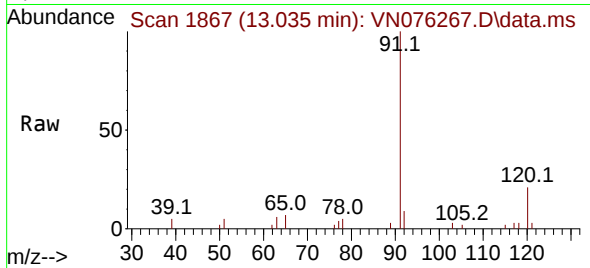
#78
n-propylbenzene
Concen: 1.076 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1587
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5

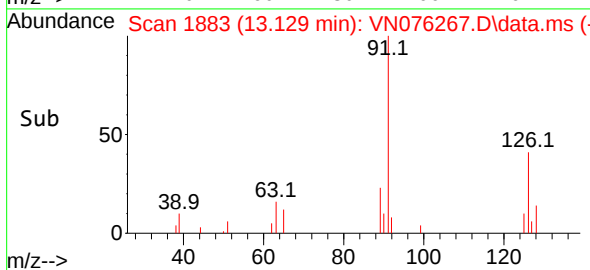
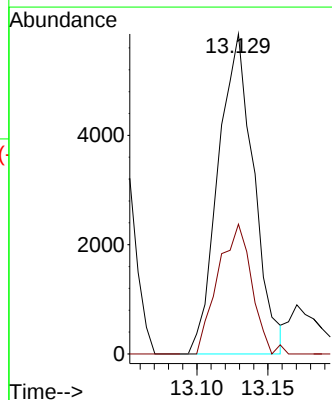
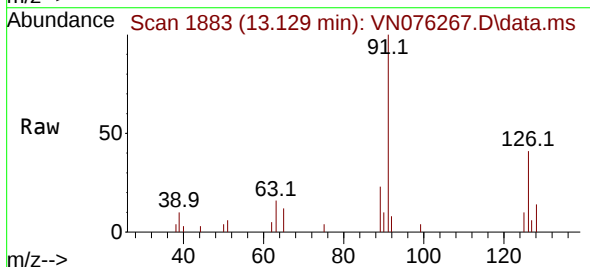
Manual Integrations
APPROVED

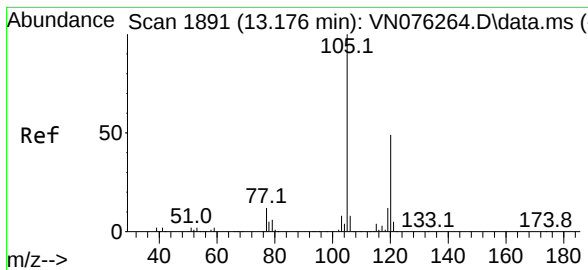
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#79
2-Chlorotoluene
Concen: 1.111 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

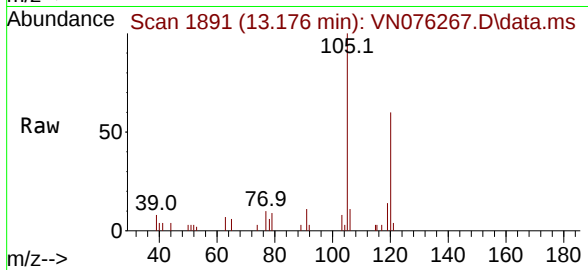
Tgt Ion: 91 Resp: 10204
Ion Ratio Lower Upper
91 100
126 38.6 17.4 52.2





#80
1,3,5-Trimethylbenzene
Concen: 0.937 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

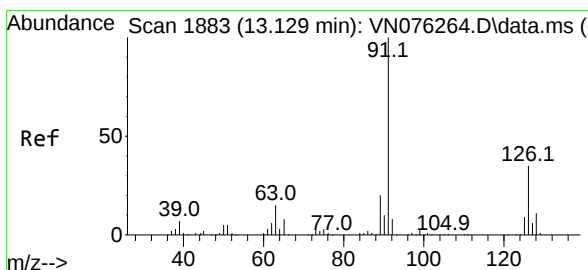
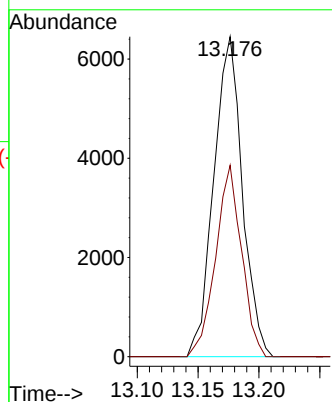
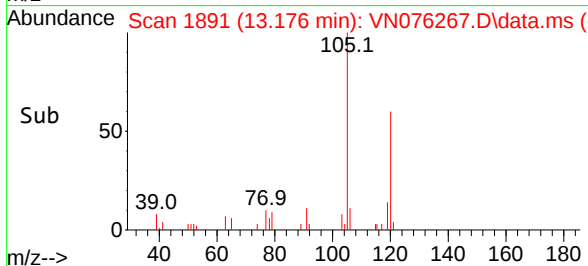
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



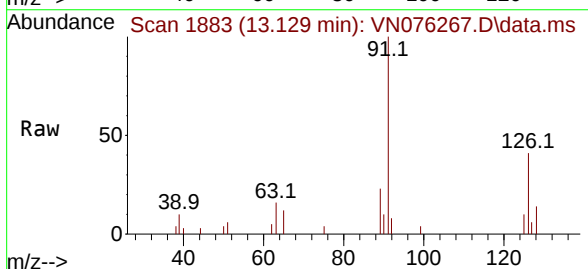
Tgt Ion:105 Resp: 10518
Ion Ratio Lower Upper
105 100
120 54.4 25.0 75.0

Manual Integrations
APPROVED

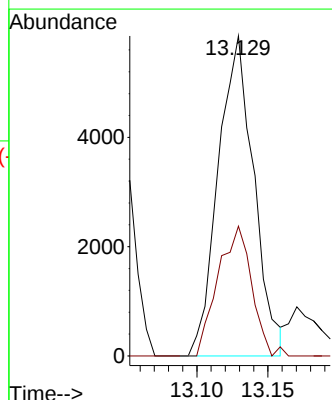
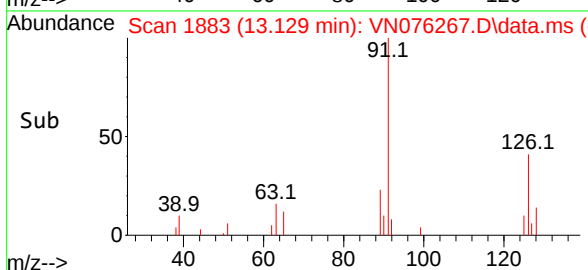
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

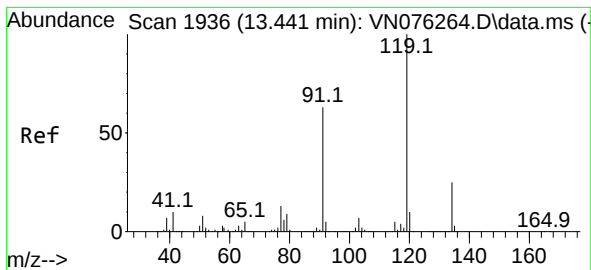


#82
4-Chlorotoluene
Concen: 1.111 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



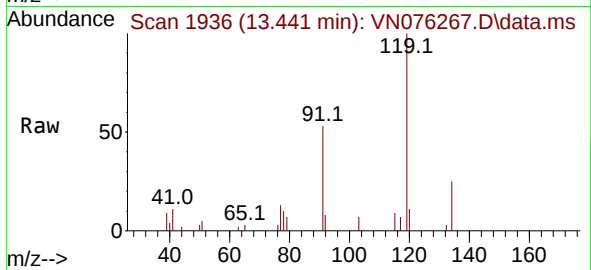
Tgt Ion: 91 Resp: 10204
Ion Ratio Lower Upper
91 100
126 38.6 17.4 52.2





#83
tert-Butylbenzene
Concen: 0.984 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

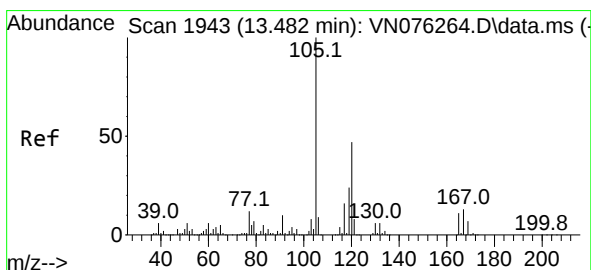
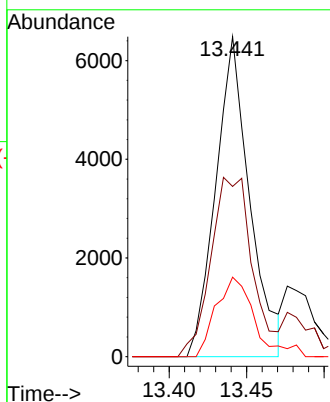
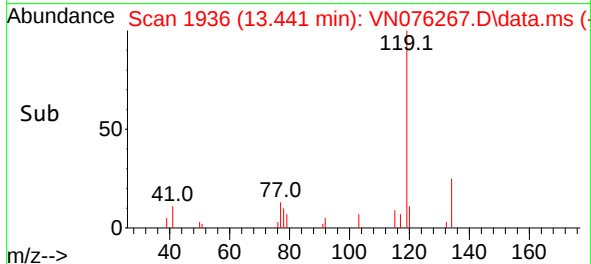
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



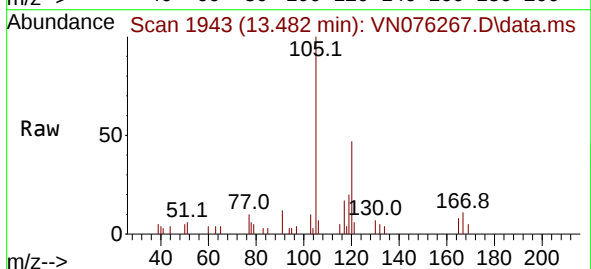
Tgt Ion:119 Resp: 9859
Ion Ratio Lower Upper
119 100
91 68.6 32.2 96.6
134 28.1 13.6 40.8

Manual Integrations
APPROVED

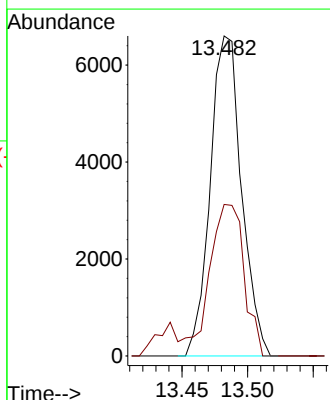
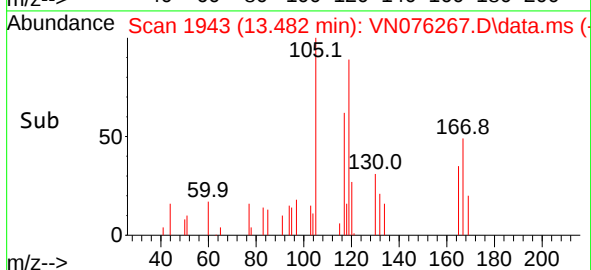
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

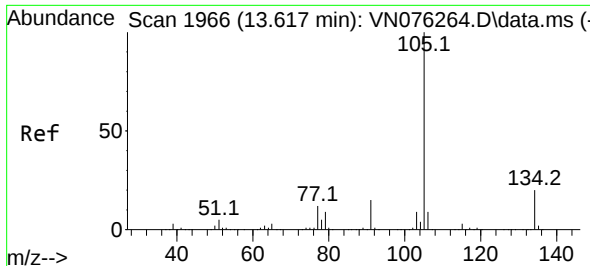


#84
1,2,4-Trimethylbenzene
Concen: 1.000 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



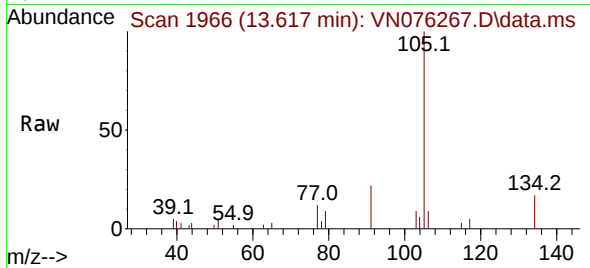
Tgt Ion:105 Resp: 10961
Ion Ratio Lower Upper
105 100
120 51.2 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 0.999 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17

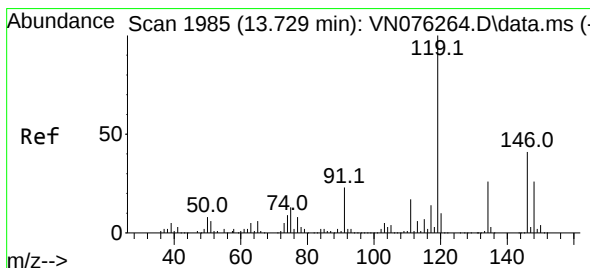
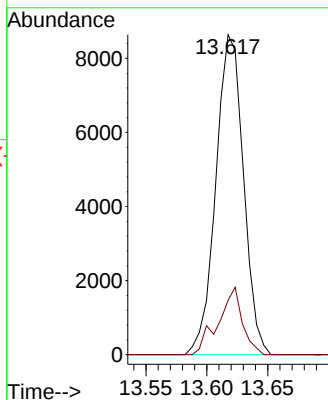
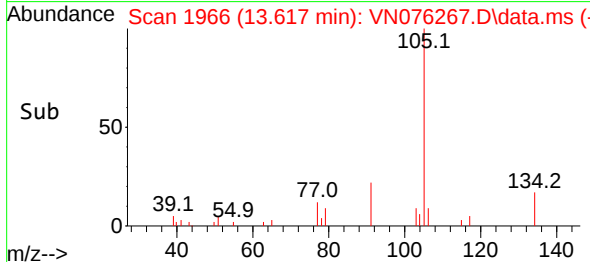
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



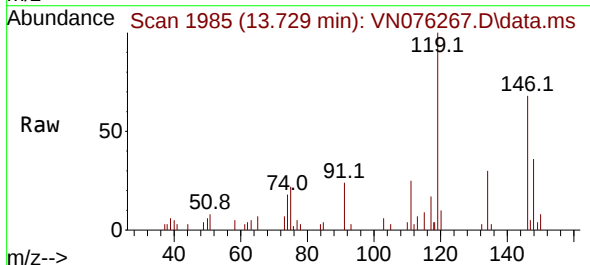
Tgt Ion:105 Resp: 13639
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.3 30.8

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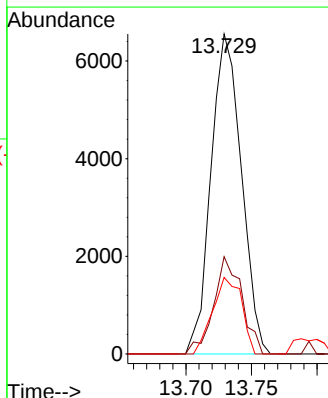
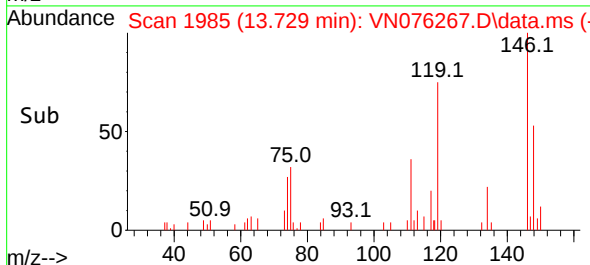
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

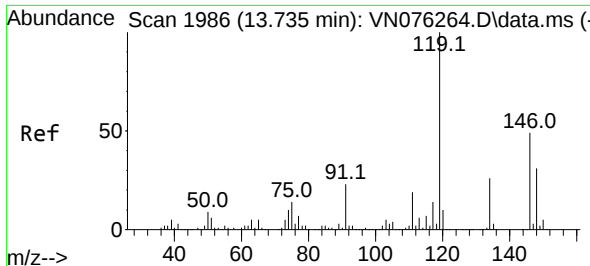


#86
 p-Isopropyltoluene
 Concen: 0.949 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076267.D
 Acq: 16 Jan 2023 13:17



Tgt Ion:119 Resp: 10569
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.2 39.6
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 1.334 ug/l

RT: 13.729 min Scan# 1986

Delta R.T. -0.006 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

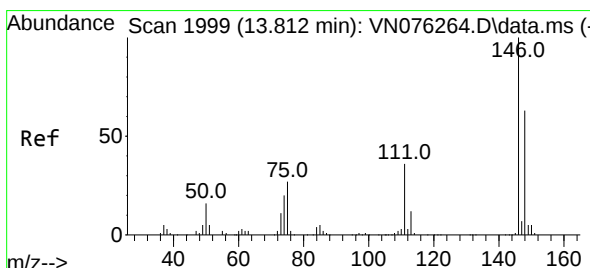
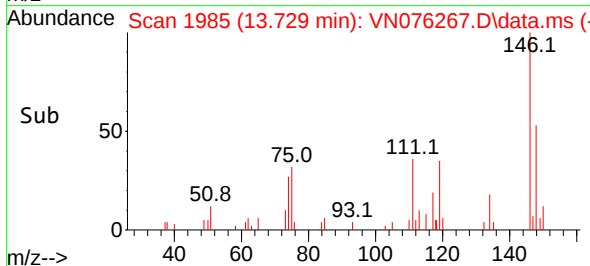
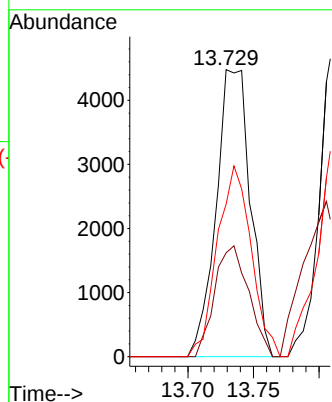
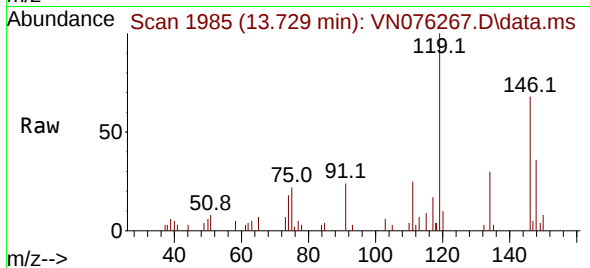
Tgt Ion:146	Resp:	814
Ion Ratio	Lower	Upper
146	100	
111	38.2	19.9 59.7
148	65.9	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#88

1,4-Dichlorobenzene

Concen: 1.409 ug/l m

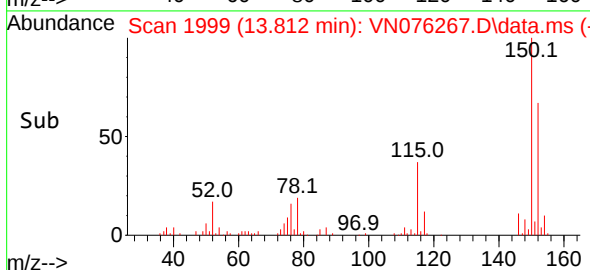
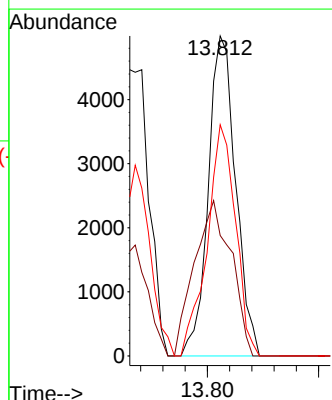
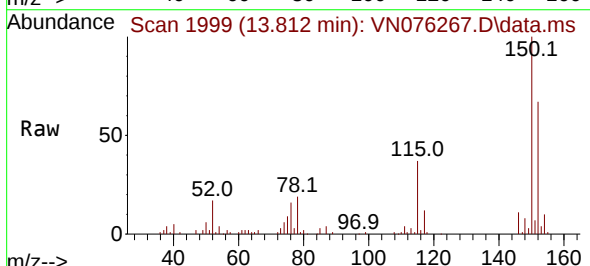
RT: 13.812 min Scan# 1999

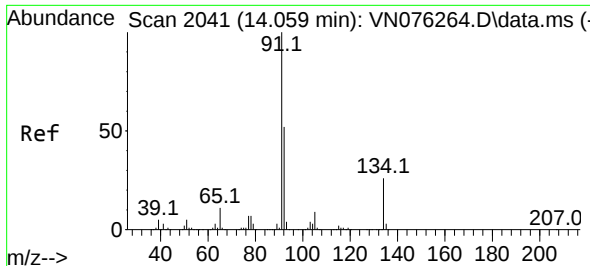
Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Tgt Ion:146	Resp:	8533
Ion Ratio	Lower	Upper
146	100	
111	36.5	19.1 57.5
148	62.9	31.9 95.9





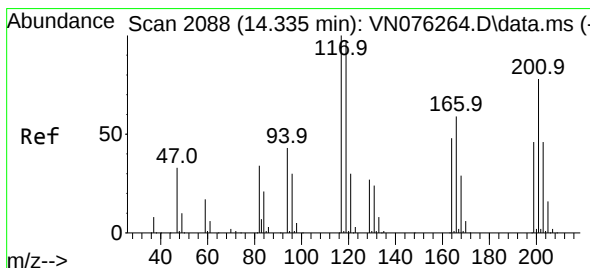
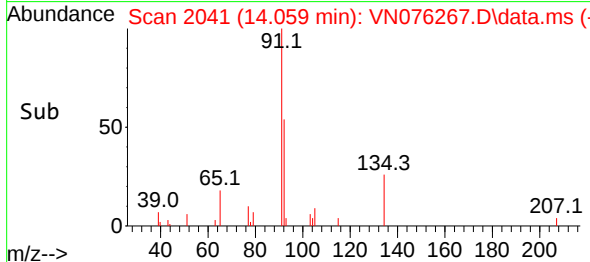
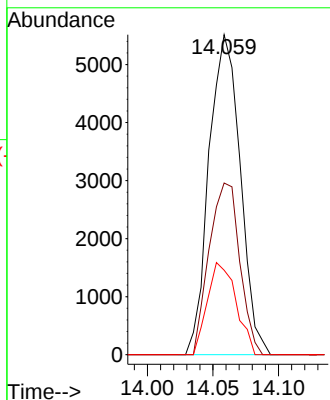
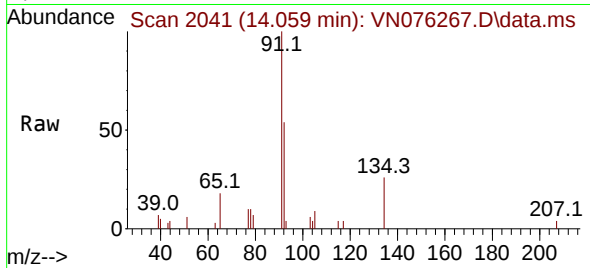
#89
n-Butylbenzene
Concen: 1.037 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	91	Resp:	914
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	26.4	13.2	39.5

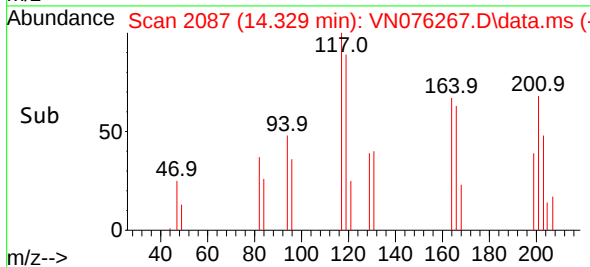
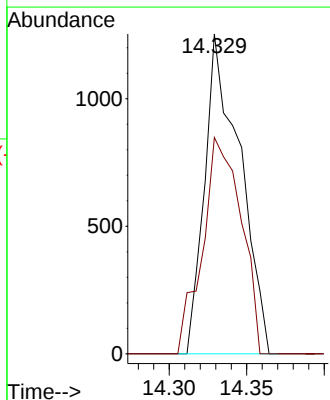
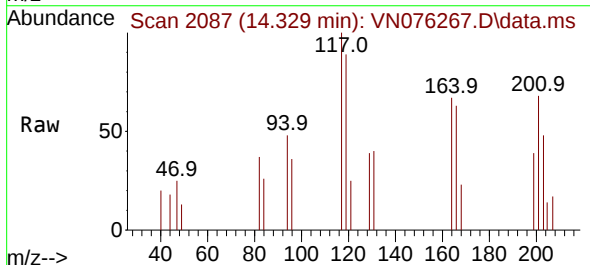
Manual Integrations
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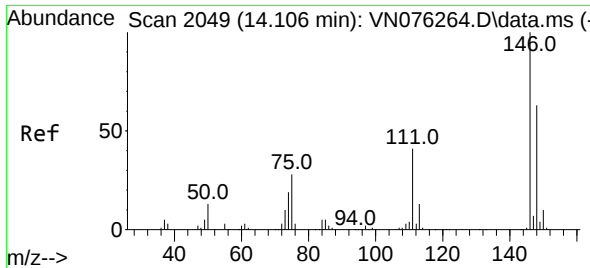
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#90
Hexachloroethane
Concen: 1.005 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

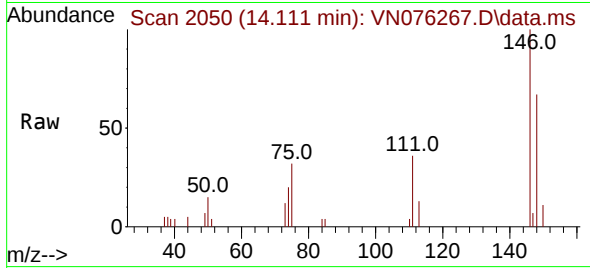
Tgt Ion:	117	Resp:	1971
Ion	Ratio	Lower	Upper
117	100		
201	74.6	37.3	111.9





#91
1,2-Dichlorobenzene
Concen: 1.265 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

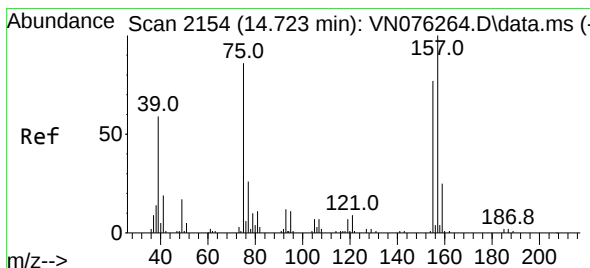
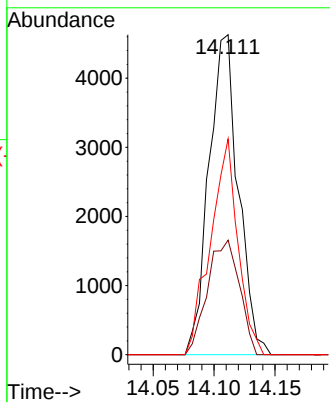
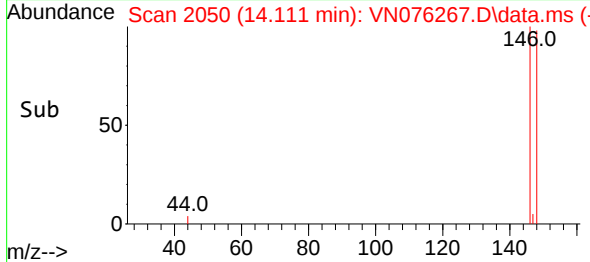
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



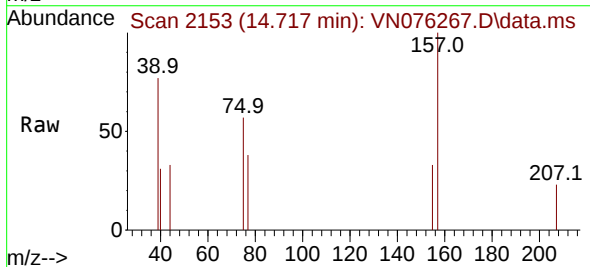
Tgt Ion:146 Resp: 778
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.8
148 63.0 31.8 95.4

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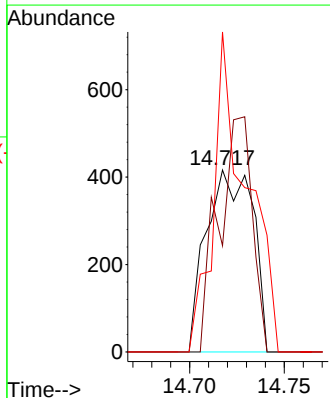
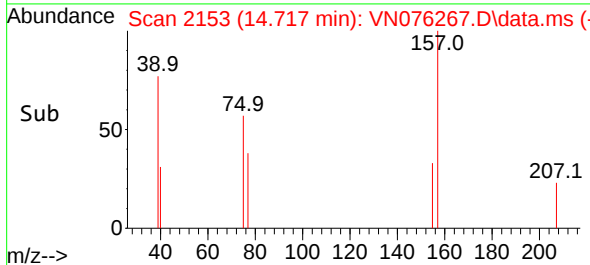
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

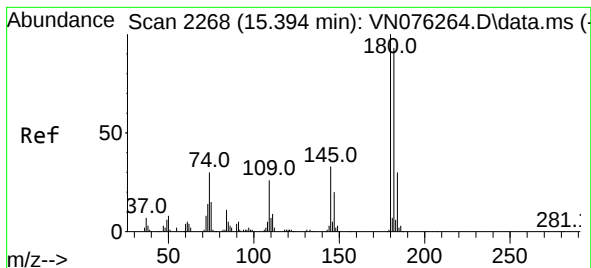


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.090 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17



Tgt Ion: 75 Resp: 712
Ion Ratio Lower Upper
75 100
155 93.3 45.0 135.0
157 124.7 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 1.700 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:180 Resp: 448

Ion Ratio Lower Upper

180 100

182 83.7 47.0 141.2

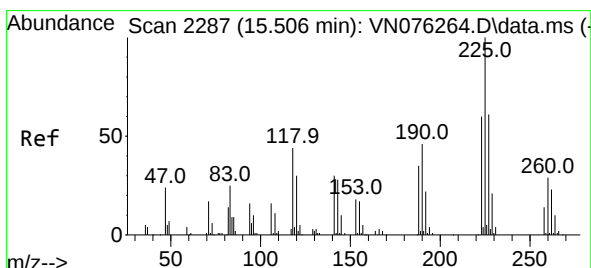
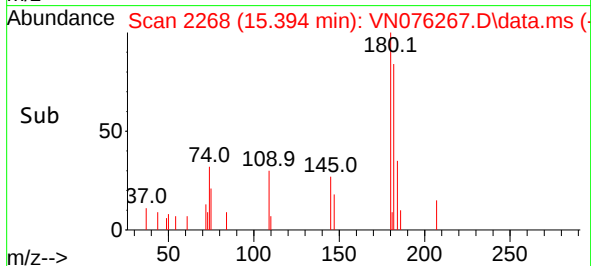
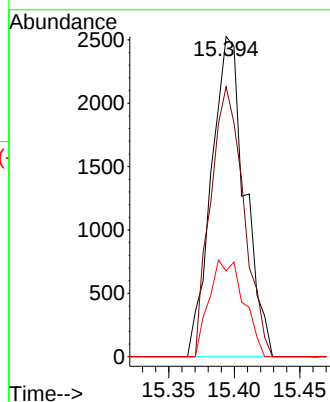
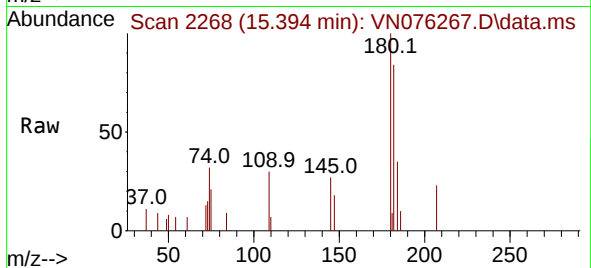
145 31.1 15.2 45.5

Manual Integrations

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Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#94

Hexachlorobutadiene

Concen: 1.265 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076267.D

Acq: 16 Jan 2023 13:17

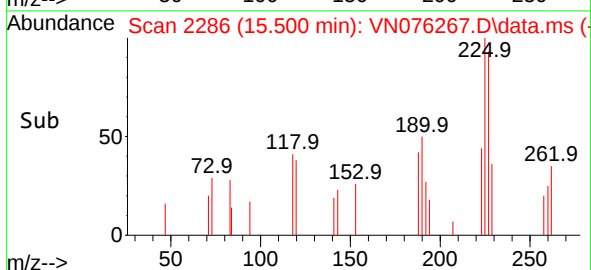
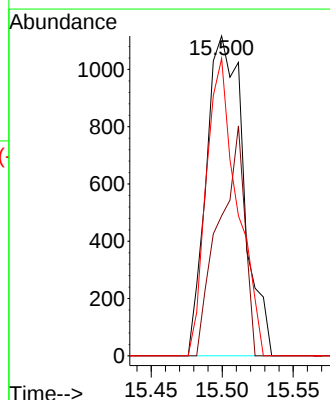
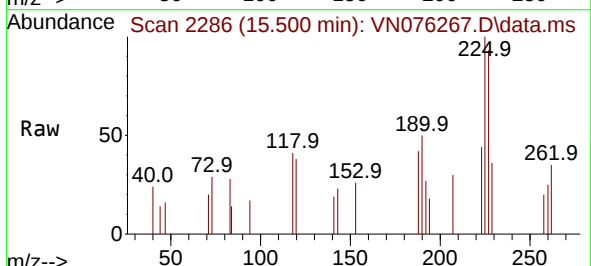
Tgt Ion:225 Resp: 2031

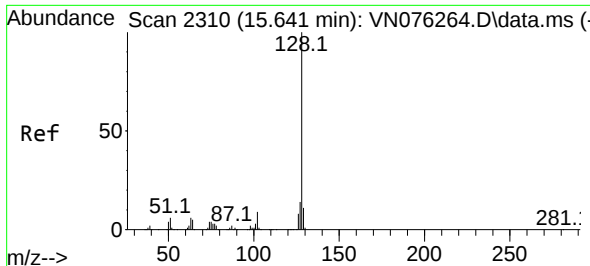
Ion Ratio Lower Upper

225 100

223 49.9 30.8 92.3

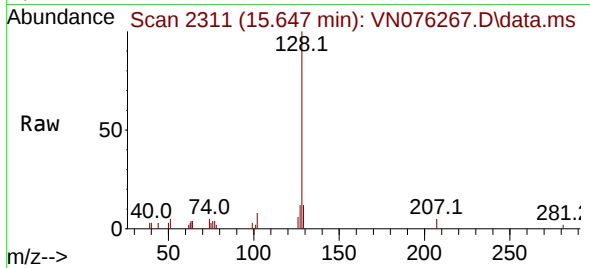
227 77.4 30.9 92.8





#95
Naphthalene
Concen: 1.969 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

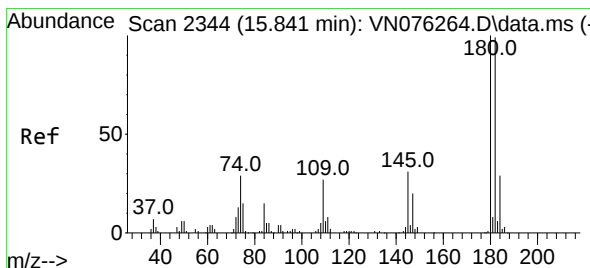
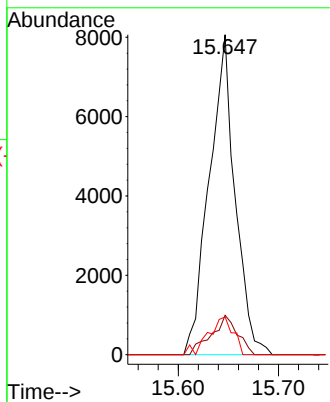
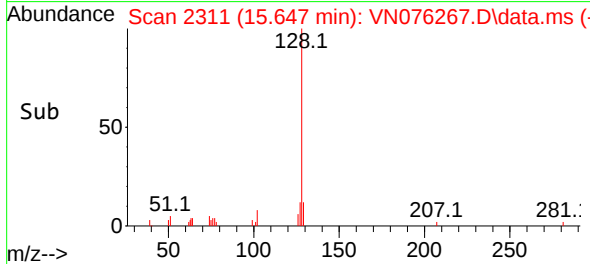
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:128 Resp: 1444
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.3 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.525 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN076267.D
Acq: 16 Jan 2023 13:17

Tgt Ion:180 Resp: 3921
Ion Ratio Lower Upper
180 100
182 104.6 47.5 142.5
145 35.6 15.9 47.6

