

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077267.D
 Acq On : 07 Apr 2023 09:34
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 07 10:13:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 10:13:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

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

Internal Standards						
1) Bromochloromethane	7.813	128	62877	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.101	114	461809	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	498303	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.578	65	153724	26.599	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.667%#		
60) 4-Bromofluorobenzene	12.854	95	242156	25.676	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.600%		
63) Toluene-d8	10.566	98	521283	29.742	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	32797	4.076	ug/l	91
3) Chloromethane	2.372	50	46004	6.255	ug/l	99
4) Vinyl Chloride	2.525	62	61935	9.235	ug/l	95
5) Bromomethane	2.954	94	44335	10.338	ug/l	96
6) Chloroethane	3.125	64	51189	12.990	ug/l	95
7) Trichlorofluoromethane	3.501	101	57628	4.600	ug/l	98
8) Diethyl Ether	3.966	74	23782	5.062	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.378	101	37150m	5.234	ug/l	
10) 1,1-Dichloroethene	4.343	96	37346	5.421	ug/l	85
11) Methyl Iodide	4.595	142	37663	4.537	ug/l	85
12) Methyl Acetate	5.025	43	46262	4.083	ug/l	96
13) Acrolein	4.190	56	35831	21.391	ug/l	97
14) Acrylonitrile	5.731	53	83336	22.327	ug/l	91
15) Acetone	4.431	58	31815	31.320	ug/l #	49
16) Carbon Disulfide	4.719	76	100389	5.256	ug/l	98
17) Allyl chloride	5.031	41	43903	4.249	ug/l #	75
18) Methylene Chloride	5.290	84	43750	5.429	ug/l #	75
19) trans-1,2-Dichloroethene	5.795	96	40058	5.518	ug/l #	79
20) Diisopropyl ether	6.678	45	105607	4.531	ug/l #	88
21) 1,1-Dichloroethane	6.572	63	70029m	5.048	ug/l	
22) cis-1,2-Dichloroethene	7.489	96	47384	5.696	ug/l	89
23) tert-Butyl Alcohol	5.525	59	39282m	36.237	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	125253	5.577	ug/l #	90
25) Chloroform	7.966	83	72909	5.117	ug/l	98
26) Cyclohexane	8.266	56	60025	4.739	ug/l #	77
29) 1,1-Dichloropropene	8.372	75	52986	4.871	ug/l	97
30) 2-Butanone	7.484	43	123795	24.945	ug/l #	86
31) 2,2-Dichloropropane	7.495	77	67949	6.305	ug/l #	55
32) 1,1,1-Trichloroethane	8.172	97	65919	5.196	ug/l	95
33) Carbon Tetrachloride	8.366	117	57196	5.098	ug/l	88
34) Benzene	8.607	78	167148	5.012	ug/l	97
35) Methacrylonitrile	7.784	41	24318	4.355	ug/l #	82
36) 1,2-Dichloroethane	8.672	62	52007	4.653	ug/l #	91
37) Trichloroethene	9.354	130	43381	5.278	ug/l	97
38) Methylcyclohexane	9.601	83	75158	5.551	ug/l	90
39) 1,2-Dichloropropane	9.625	63	41085	4.795	ug/l	88
40) Dibromomethane	9.713	93	30885	5.658	ug/l	98
41) Bromodichloromethane	9.889	83	61997	5.542	ug/l	99
42) Vinyl Acetate	6.613	43	357099	23.084	ug/l #	89

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 ClientSampleId :
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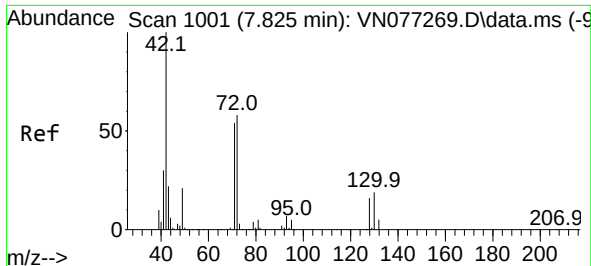
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 07 10:13:35 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.560	43	46040	4.598	ug/l #	80
44) Isopropyl Acetate	8.695	43	84783	5.223	ug/l #	88
45) 1,4-Dioxane	9.701	88	16587	121.465	ug/l #	88
46) Methyl methacrylate	9.683	41	36755	4.650	ug/l	87
47) n-amyl Acetate	12.501	43	67486	5.109	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	65234	5.822	ug/l	94
49) cis-1,3-Dichloropropene	10.313	75	69957	5.497	ug/l #	85
50) 1,1,2-Trichloroethane	11.019	97	42784	5.350	ug/l	96
51) Ethyl methacrylate	10.877	69	65046	5.518	ug/l	88
52) 1,3-Dichloropropane	11.166	76	71646	5.187	ug/l	98
53) Dibromochloromethane	11.360	129	43046	5.277	ug/l	99
54) 1,2-Dibromoethane	11.472	107	42080	5.453	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	84870	20.533	ug/l	95
56) Bromoform	12.583	173	30159	5.526	ug/l #	96
58) 4-Methyl-2-Pentanone	10.448	43	242382	24.078	ug/l #	86
59) 2-Hexanone	11.195	43	187552	26.228	ug/l	89
61) Tetrachloroethene	11.107	164	34701	4.411	ug/l	93
62) Toluene	10.636	91	192777	5.614	ug/l	99
64) Chlorobenzene	11.895	112	115092	5.694	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.966	131	43851	5.776	ug/l	96
66) Ethyl Benzene	11.966	91	207553	5.568	ug/l	98
67) m/p-Xylenes	12.077	106	156447	11.079	ug/l	96
68) o-Xylene	12.401	106	78384	5.686	ug/l	98
69) Styrene	12.413	104	125034	5.592	ug/l	98
70) Isopropylbenzene	12.701	105	198906	5.545	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	61846	5.718	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	51214m	5.162	ug/l	
73) Bromobenzene	12.983	156	41251	5.096	ug/l	98
74) n-propylbenzene	13.042	91	211718	5.000	ug/l	97
75) 2-Chlorotoluene	13.124	91	127168	4.857	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	155054	4.994	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	21555	7.117	ug/l	71
78) 4-Chlorotoluene	13.224	91	115759	4.586	ug/l	97
79) tert-butylbenzene	13.442	119	140203	5.400	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	143903	4.716	ug/l	99
81) sec-Butylbenzene	13.618	105	190814	5.137	ug/l	99
82) p-Isopropyltoluene	13.730	119	149454	4.978	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	71704	4.787	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	68070	4.679	ug/l	98
85) n-Butylbenzene	14.060	91	122092	4.798	ug/l	100
86) Hexachloroethane	14.336	117	34760	6.484	ug/l	90
87) 1,2-Dichlorobenzene	14.107	146	68466	4.584	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	9688	4.599	ug/l #	85
89) 1,2,4-Trichlorobenzene	15.365	180	18080	2.269	ug/l	93
90) Hexachlorobutadiene	15.465	225	15644	3.724	ug/l	94
91) Naphthalene	15.589	128	59243	2.344	ug/l	97
92) 1,2,3-Trichlorobenzene	15.759	180	18092	2.265	ug/l	96

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



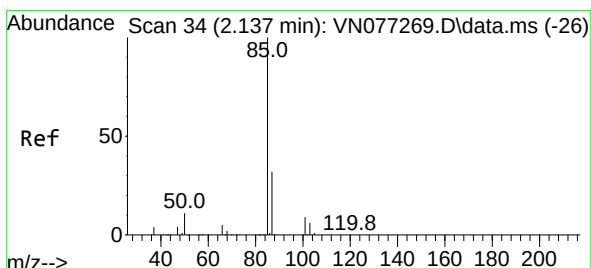
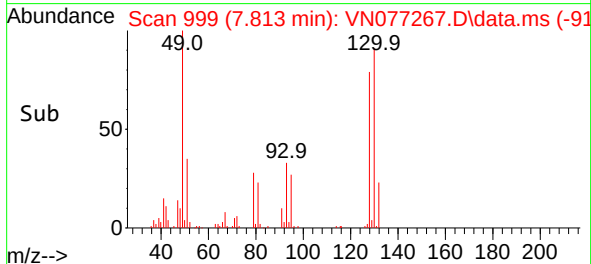
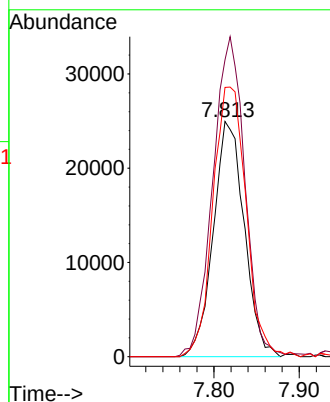
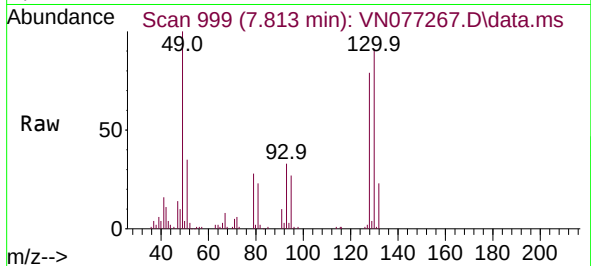
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 6287
Ion Ratio Lower Upper
128 100
49 140.4 0.0 461.8
130 122.8 0.0 295.3

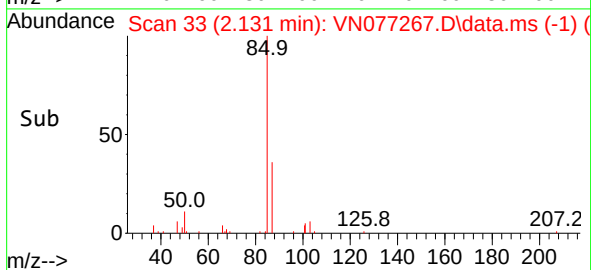
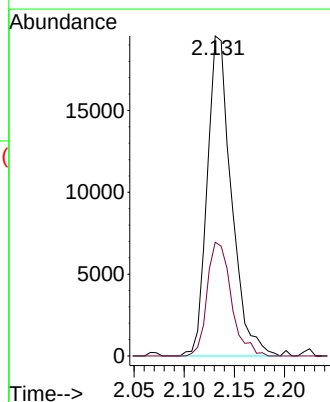
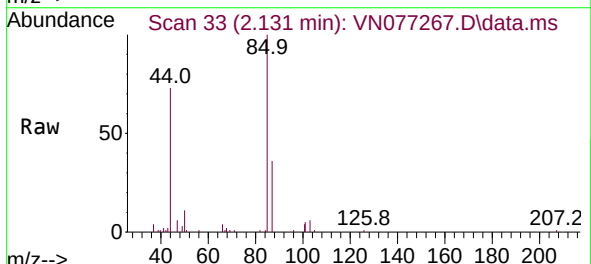
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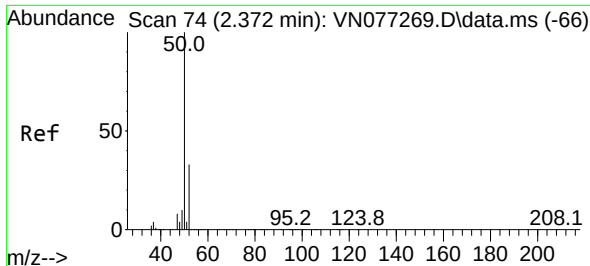
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 4.076 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

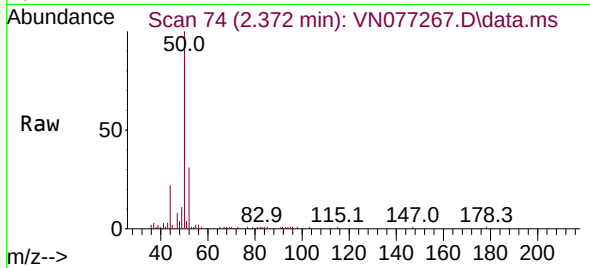
Tgt Ion: 85 Resp: 32797
Ion Ratio Lower Upper
85 100
87 35.5 15.4 46.1





#3
Chloromethane
Concen: 6.255 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

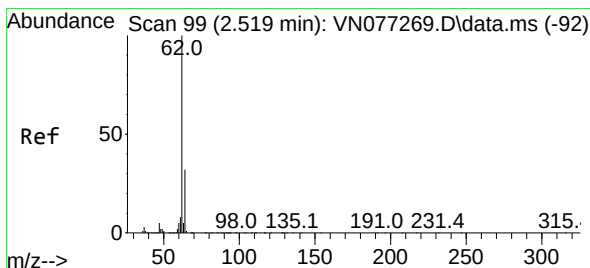
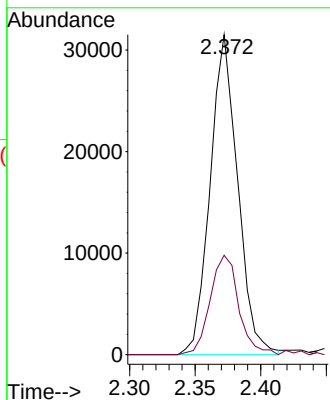
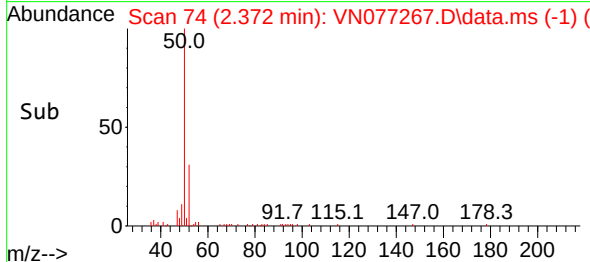
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



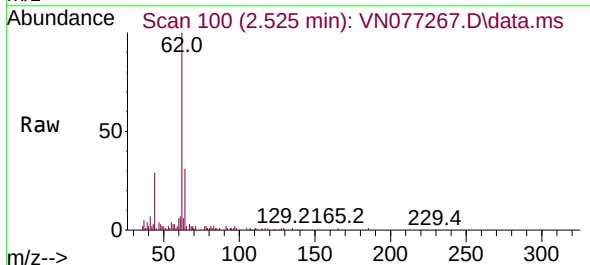
Tgt Ion: 50 Resp: 46004
Ion Ratio Lower Upper
50 100
52 31.0 25.3 37.9

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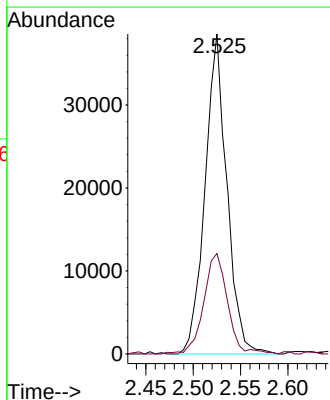
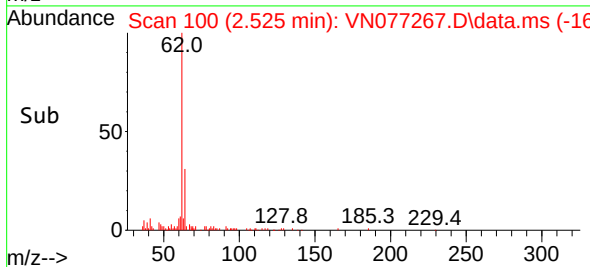
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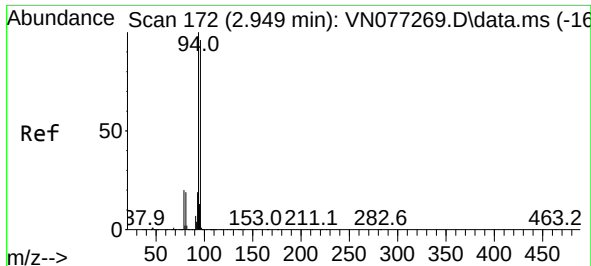


#4
Vinyl Chloride
Concen: 9.235 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



Tgt Ion: 62 Resp: 61935
Ion Ratio Lower Upper
62 100
64 31.4 23.1 34.7





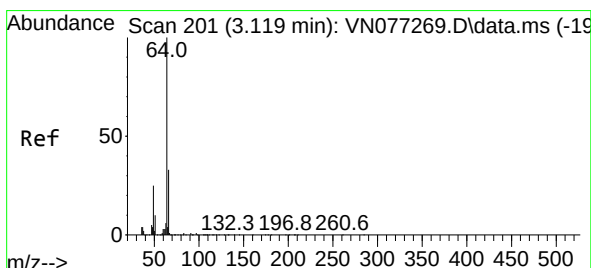
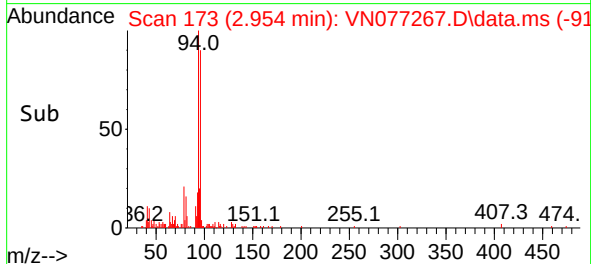
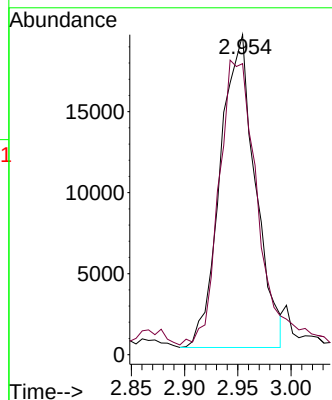
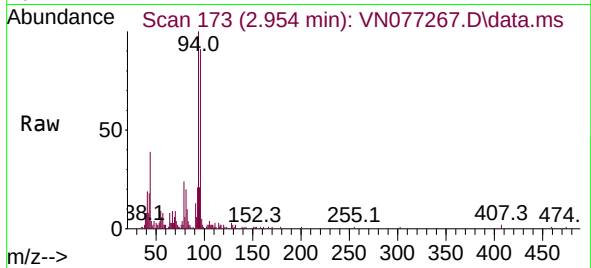
#5
Bromomethane
Concen: 10.338 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 4433
Ion Ratio Lower Upper
94 100
96 89.9 68.6 103.0

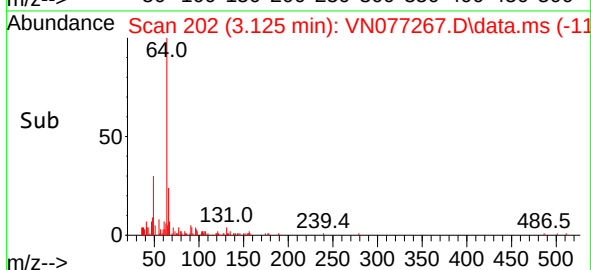
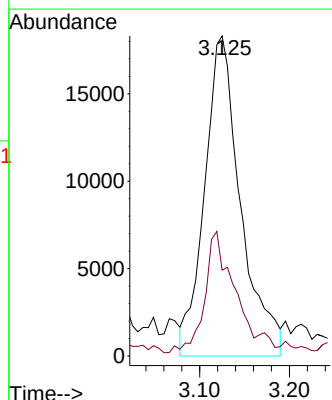
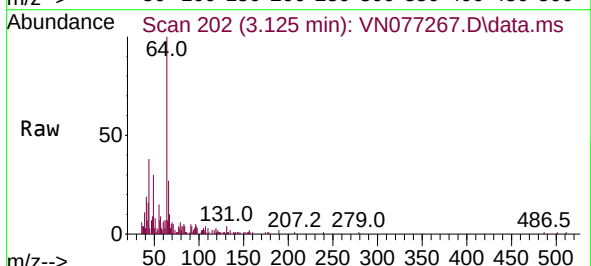
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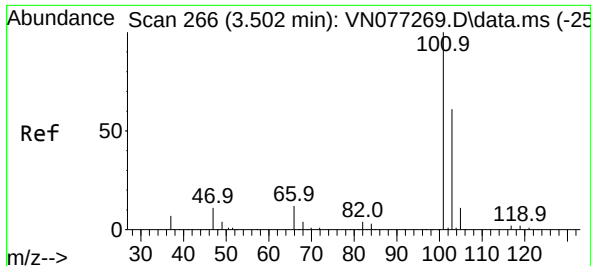
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#6
Chloroethane
Concen: 12.990 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 64 Resp: 51189
Ion Ratio Lower Upper
64 100
66 27.0 23.8 35.6





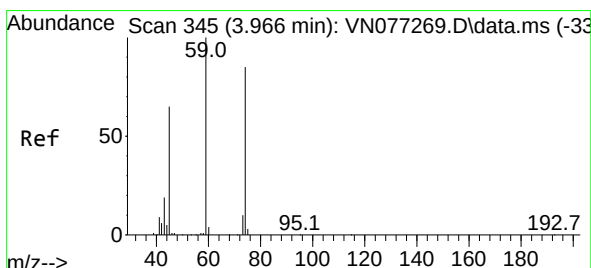
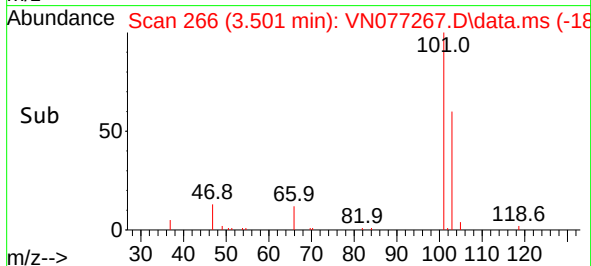
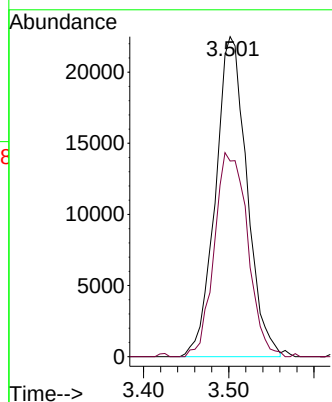
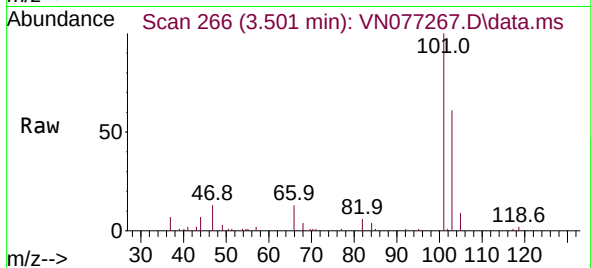
#7
Trichlorofluoromethane
Concen: 4.600 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 57628
Ion Ratio Lower Upper
101 100
103 61.2 50.2 75.2

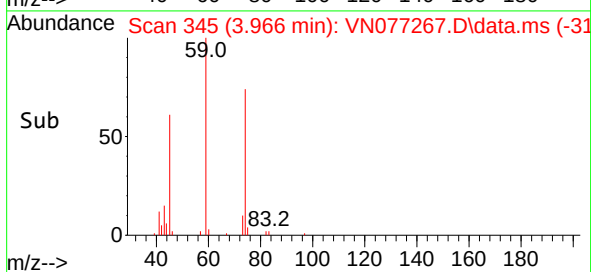
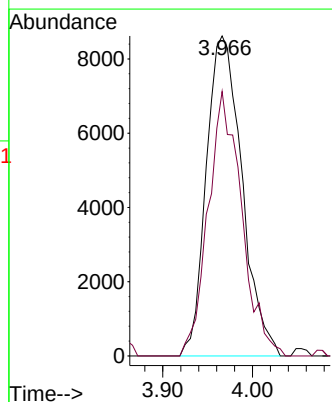
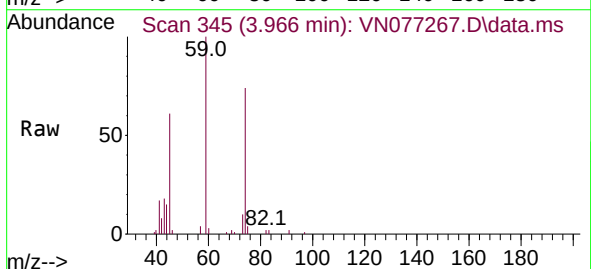
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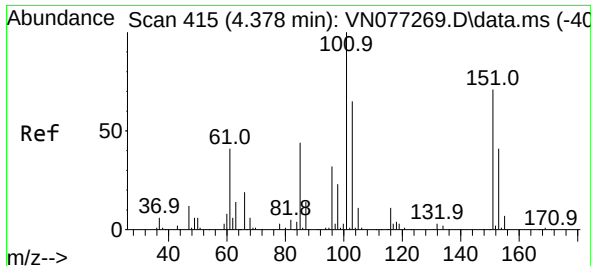
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 5.062 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 74 Resp: 23782
Ion Ratio Lower Upper
74 100
45 77.7 21.4 193.0





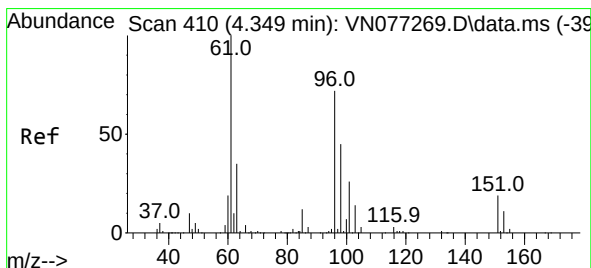
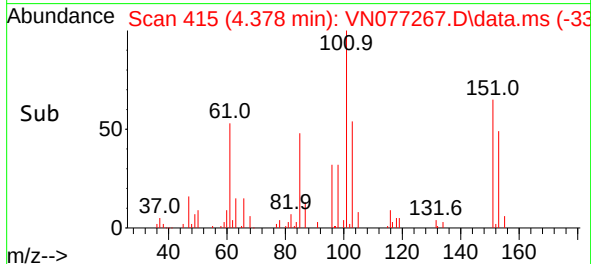
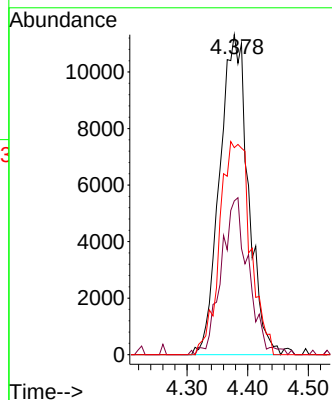
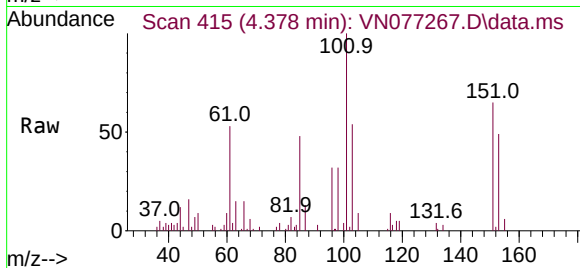
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1,1,2-Trichlorotrifluoroethane
Concen: 5.234 ug/l m
RT: 4.378 min Scan# 415
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 37150
Ion Ratio Lower Upper
101 100
85 33.7 0.0 95.2
151 37.3 0.0 142.2

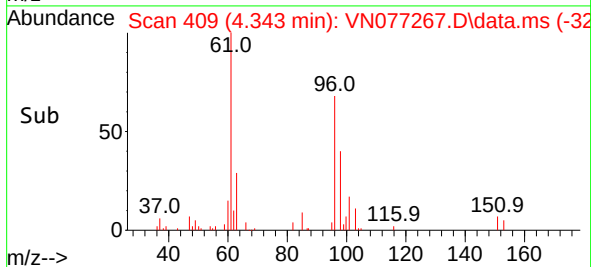
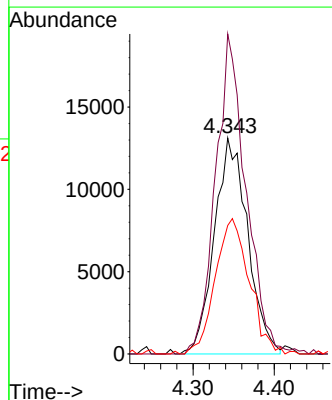
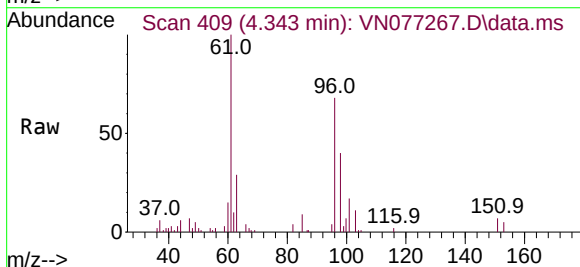
Manual Integrations
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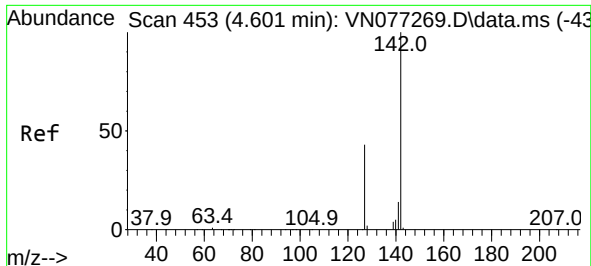
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 5.421 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.011 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

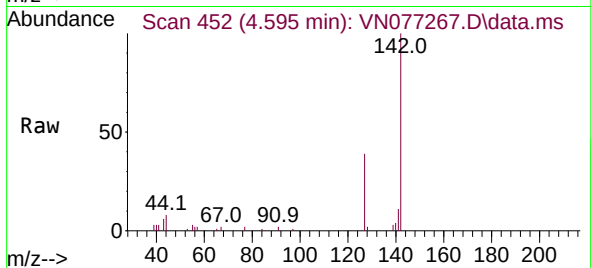
Tgt Ion: 96 Resp: 37346
Ion Ratio Lower Upper
96 100
61 148.1 137.1 205.7
98 59.5 53.2 79.8





#11
Methyl Iodide
Concen: 4.537 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

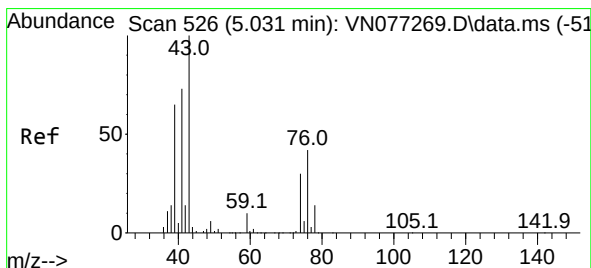
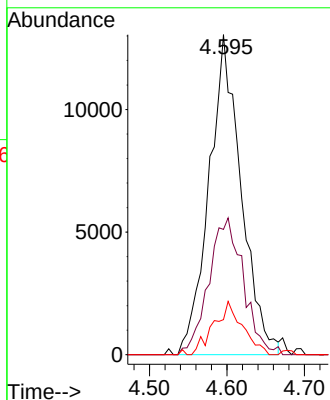
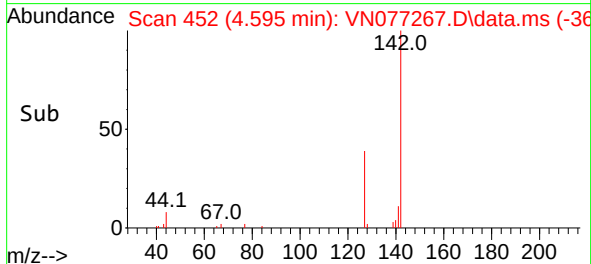
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 3766
Ion Ratio Lower Upper
142 100
127 38.6 25.0 75.0
141 11.2 8.0 24.0

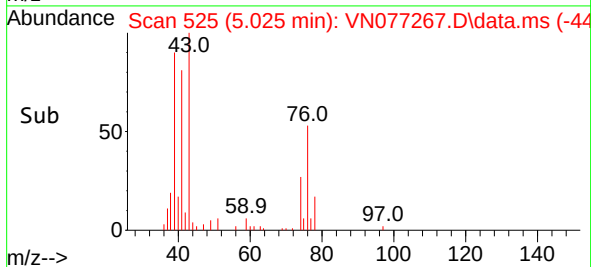
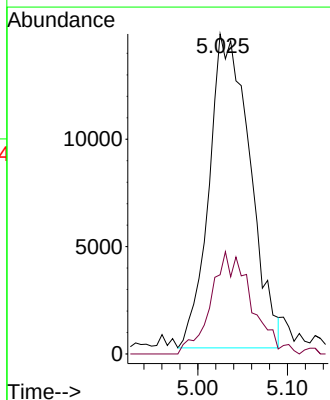
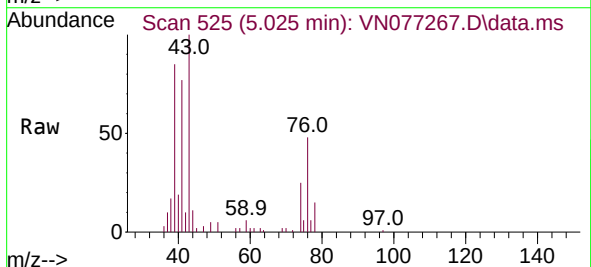
Manual Integrations
APPROVED

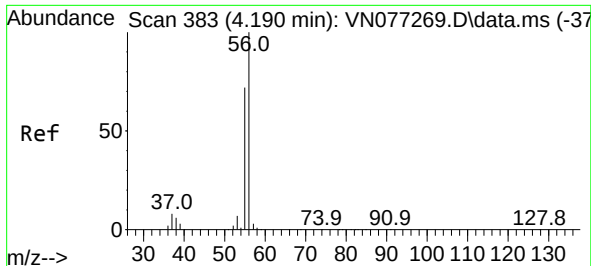
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 4.083 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 43 Resp: 46262
Ion Ratio Lower Upper
43 100
74 25.7 19.0 28.4





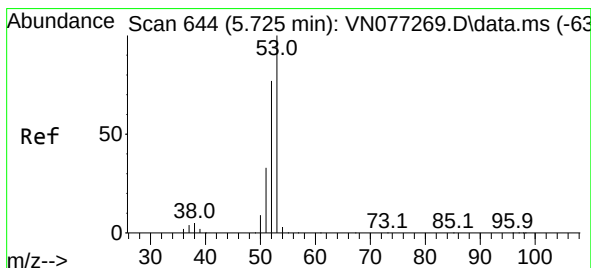
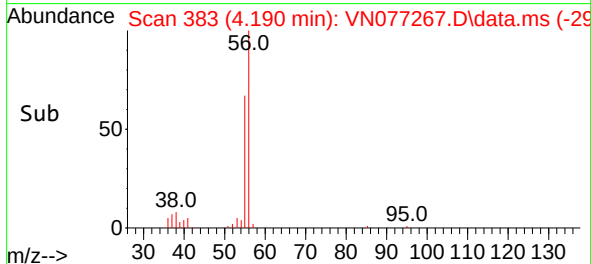
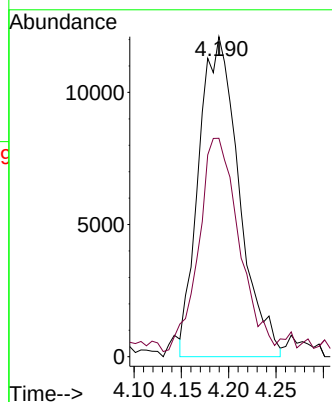
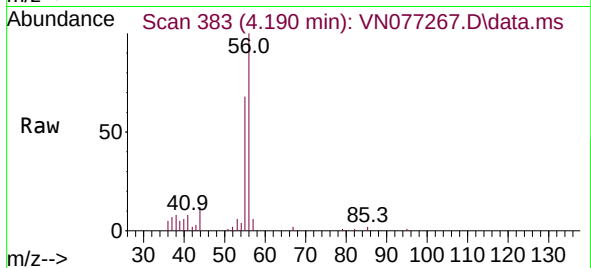
#13
Acrolein
Concen: 21.391 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 3583
Ion Ratio Lower Upper
56 100
55 66.2 55.0 82.4

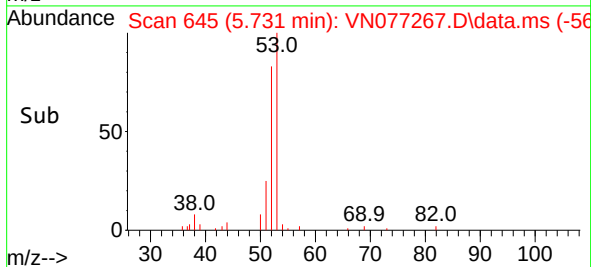
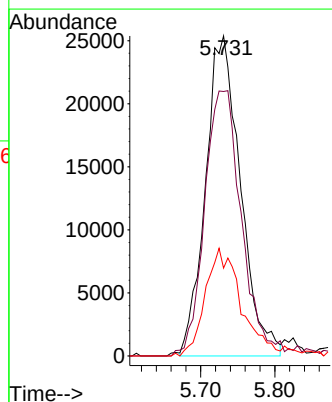
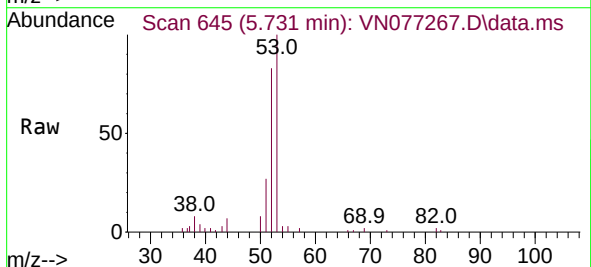
Manual Integrations
APPROVED

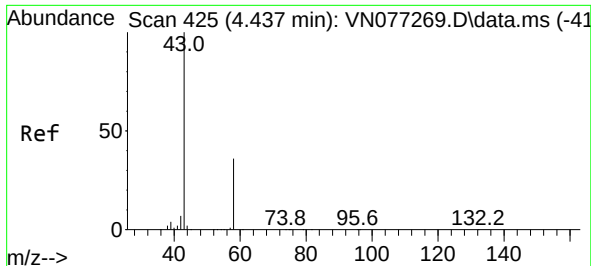
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 22.327 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 53 Resp: 83336
Ion Ratio Lower Upper
53 100
52 82.6 41.5 124.6
51 18.1 17.6 52.8





#15

Acetone

Concen: 31.320 ug/l

RT: 4.431 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 3181

Ion Ratio Lower Upper

58 100

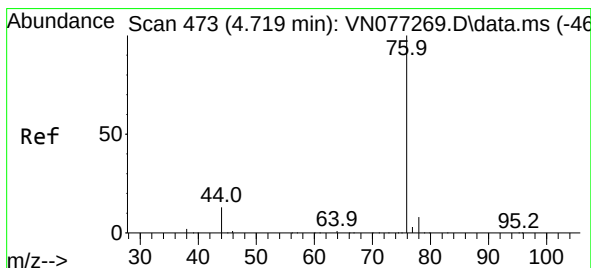
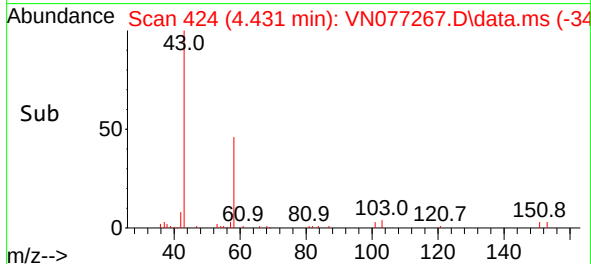
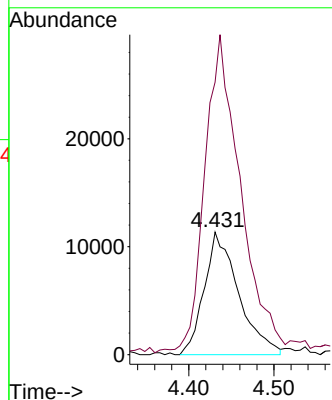
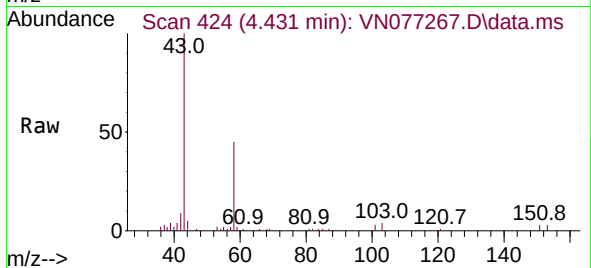
43 215.0 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 5.256 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077267.D

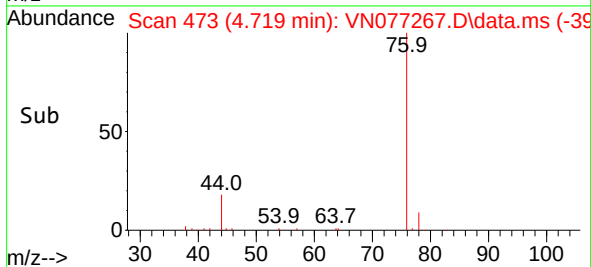
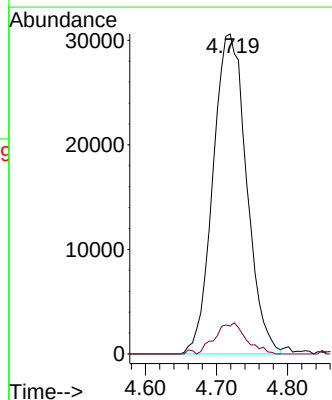
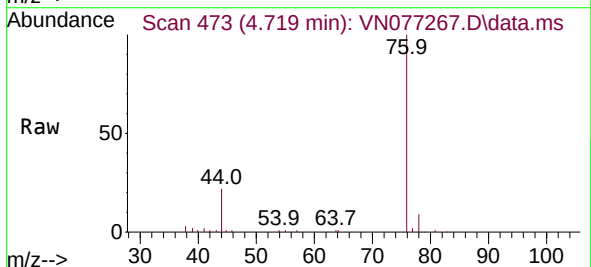
Acq: 07 Apr 2023 09:34

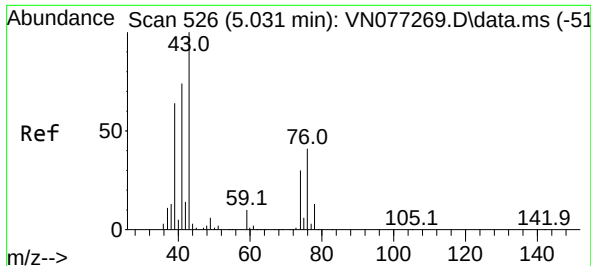
Tgt Ion: 76 Resp: 100389

Ion Ratio Lower Upper

76 100

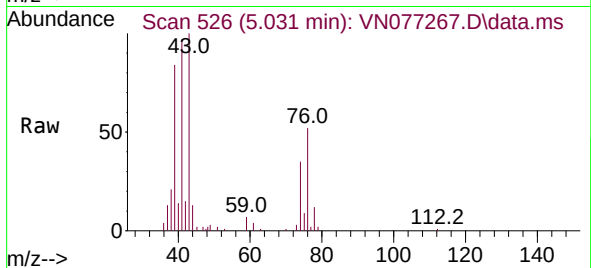
78 8.8 6.6 9.8





#17
 Allyl chloride
 Concen: 4.249 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077267.D
 Acq: 07 Apr 2023 09:34

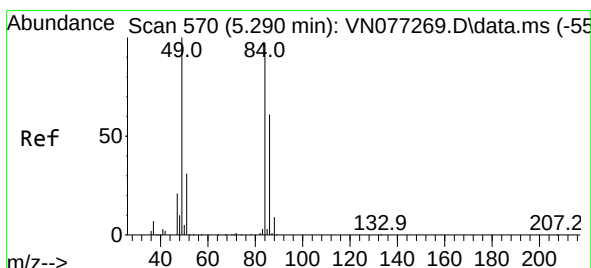
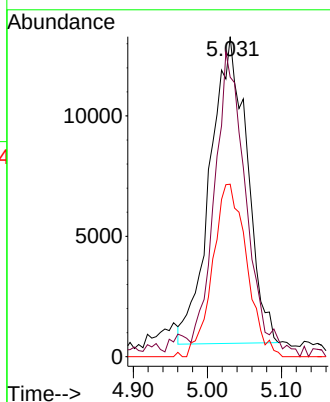
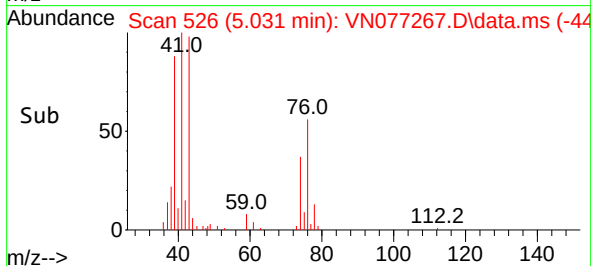
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



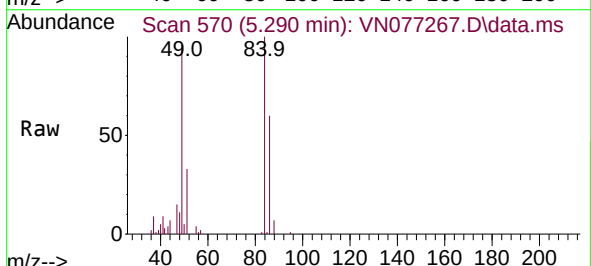
Tgt Ion: 41 Resp: 4390
 Ion Ratio Lower Upper
 41 100
 39 85.6 34.8 104.3
 76 54.9 17.5 52.5

Manual Integrations
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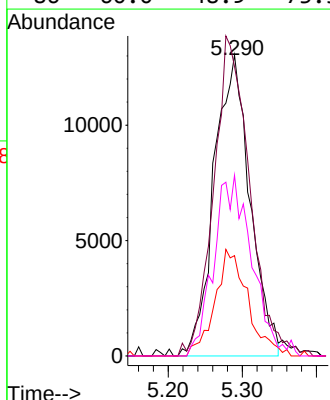
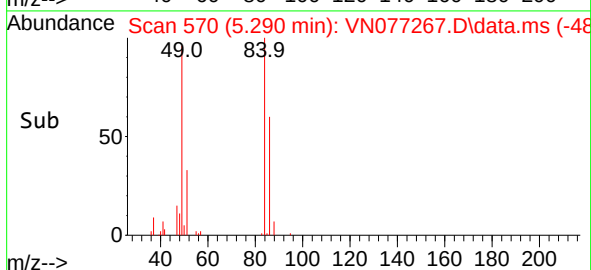
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

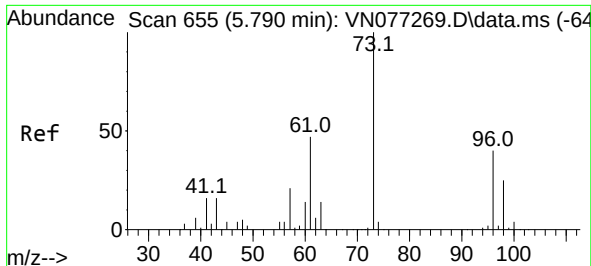


#18
 Methylene Chloride
 Concen: 5.429 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.005 min
 Lab File: VN077267.D
 Acq: 07 Apr 2023 09:34



Tgt Ion: 84 Resp: 43750
 Ion Ratio Lower Upper
 84 100
 49 96.2 113.8 170.6#
 51 33.3 34.2 51.4#
 86 60.0 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 5.518 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077267.D

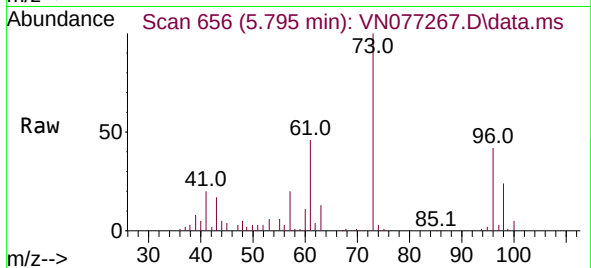
Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 96 Resp: 40058

Ion Ratio Lower Upper

96 100

61 109.4 111.0 166.4

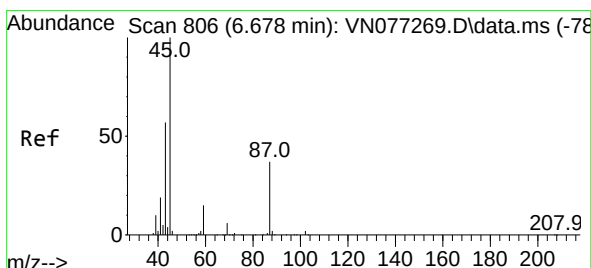
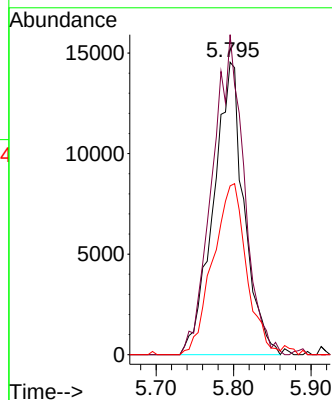
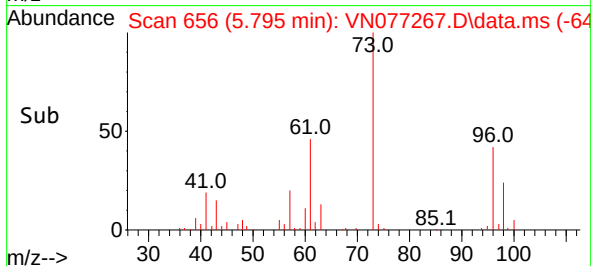
98 57.7 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#20

Diisopropyl ether

Concen: 4.531 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.011 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion: 45 Resp: 105607

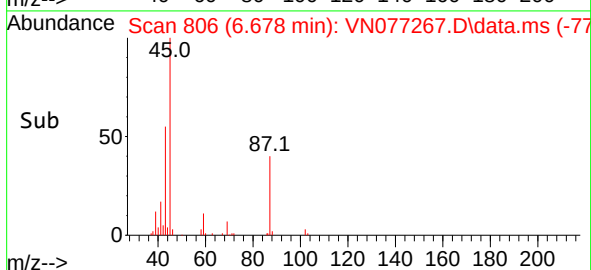
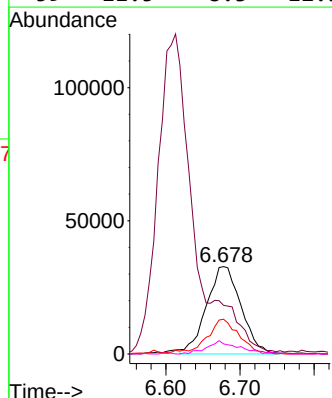
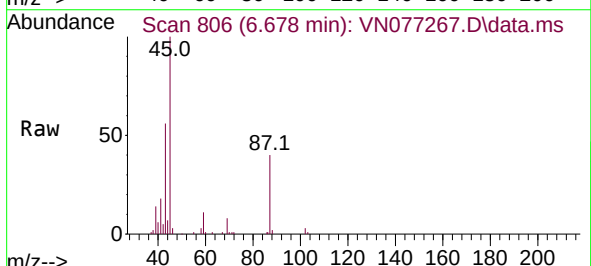
Ion Ratio Lower Upper

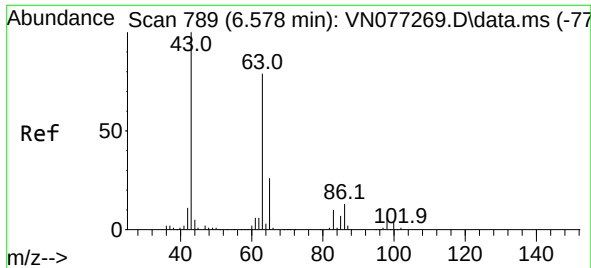
45 100

43 52.4 38.6 58.0

87 39.5 20.1 30.1

59 11.5 8.3 12.5





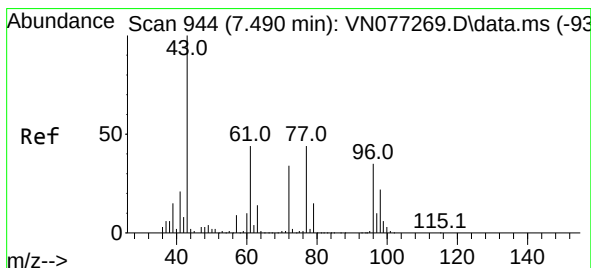
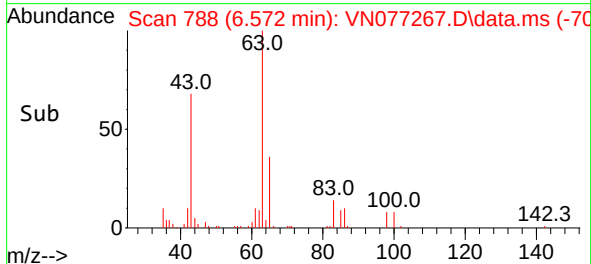
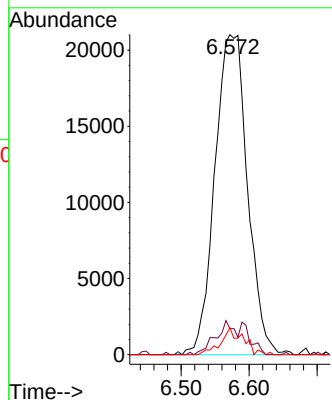
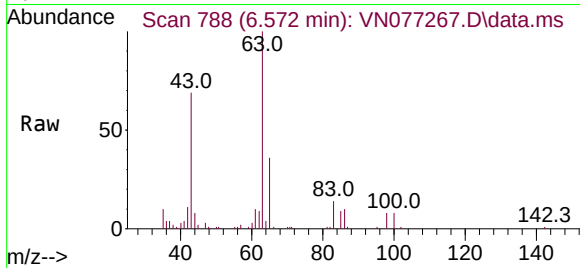
#21
1,1-Dichloroethane
Concen: 5.048 ug/l m
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 70029
Ion Ratio Lower Upper
63 100
98 8.1 3.6 10.9
100 8.4 2.6 7.8

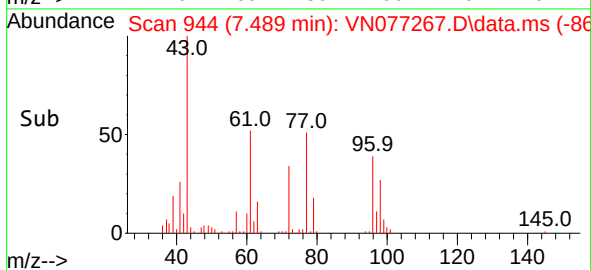
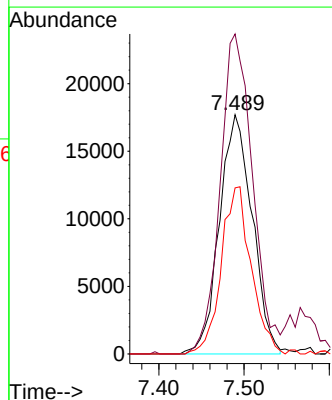
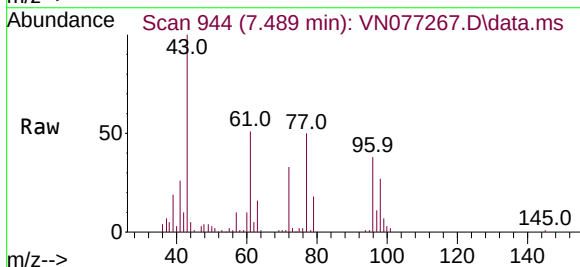
Manual Integrations
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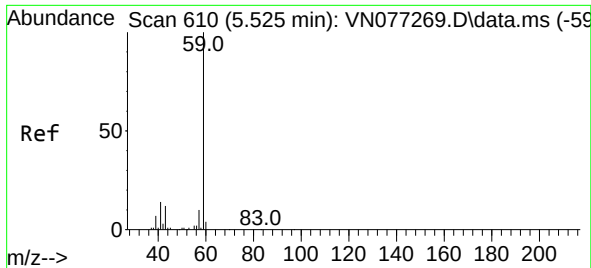
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 5.696 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

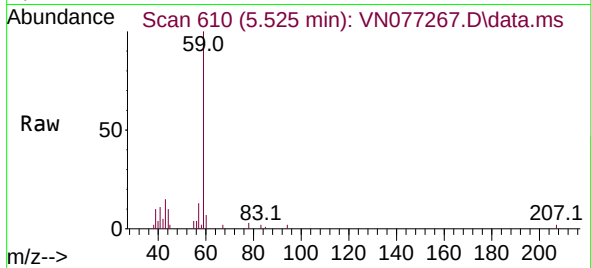
Tgt Ion: 96 Resp: 47384
Ion Ratio Lower Upper
96 100
61 132.2 121.0 181.4
98 63.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 36.237 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

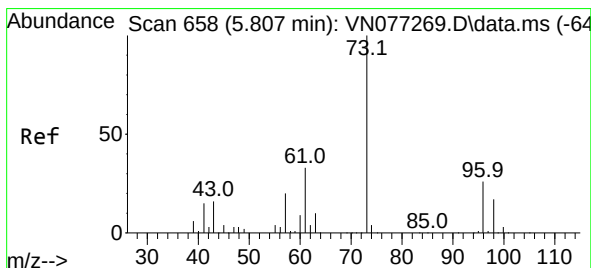
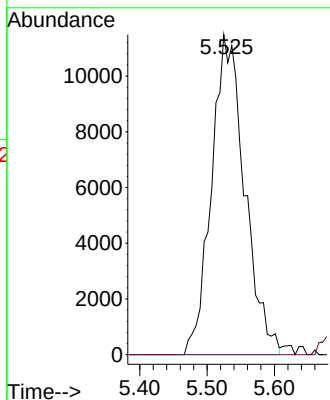
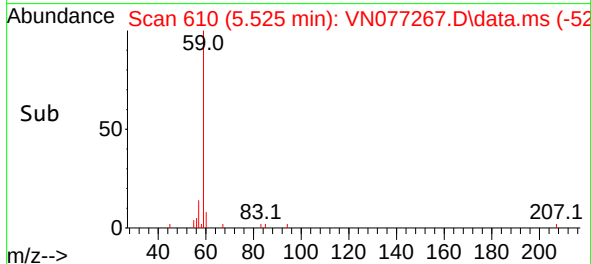
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 3928
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

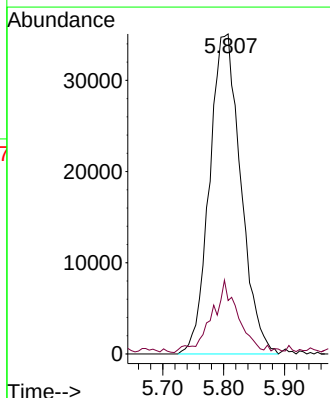
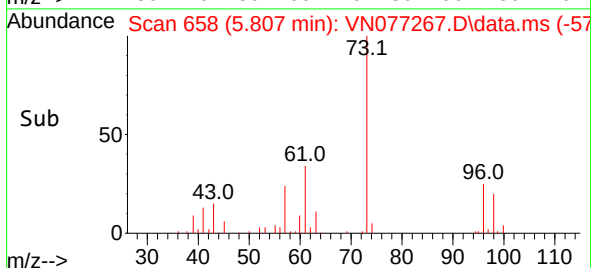
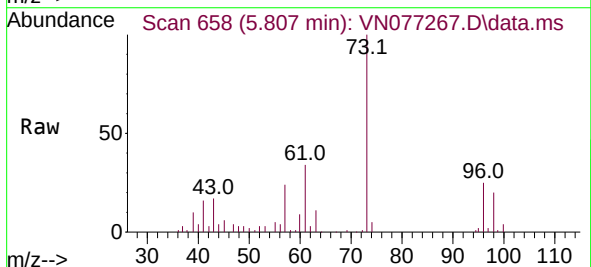
Manual Integrations
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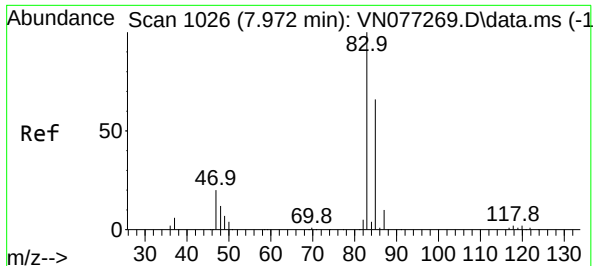
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 5.577 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 73 Resp: 125253
Ion Ratio Lower Upper
73 100
43 17.3 17.8 26.6#





#25

Chloroform

Concen: 5.117 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 72909

Ion Ratio Lower Upper

83 100

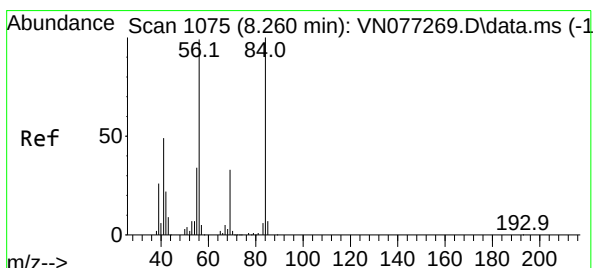
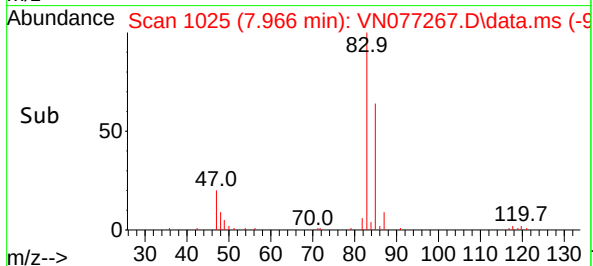
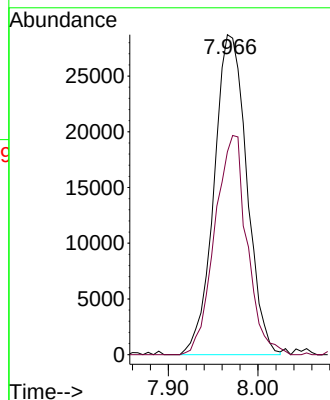
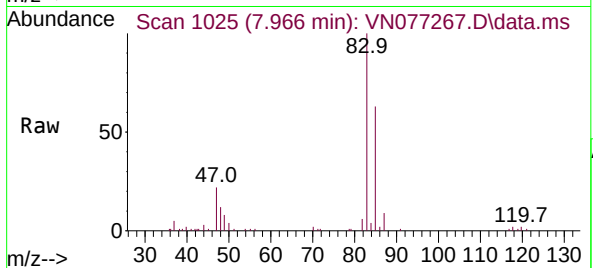
85 63.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 4.739 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

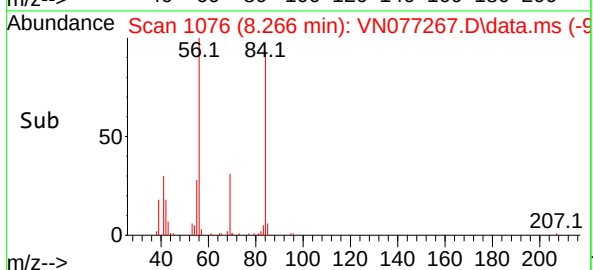
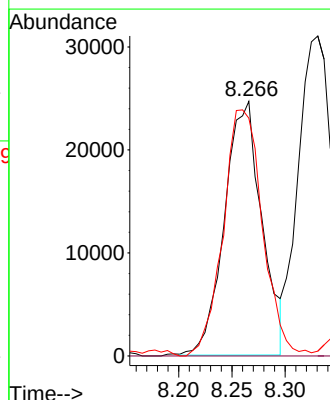
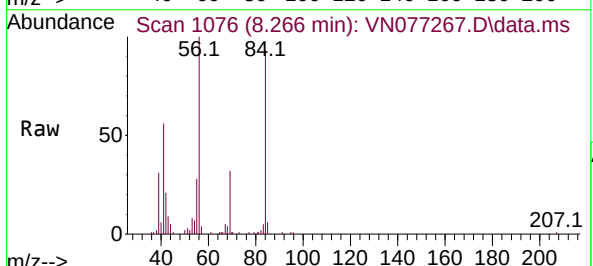
Tgt Ion: 56 Resp: 60025

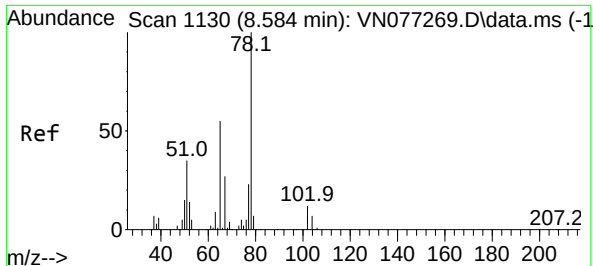
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.3 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 26.599 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 153724

Ion Ratio Lower Upper

65 100

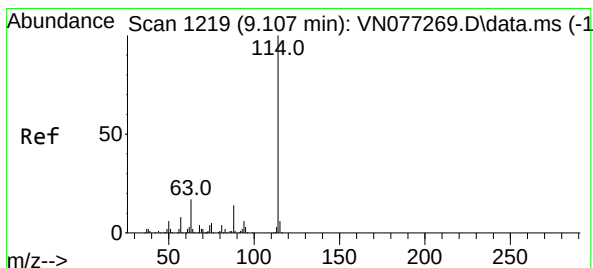
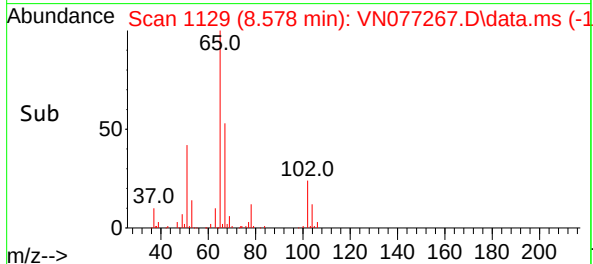
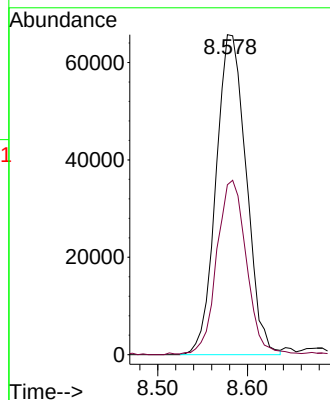
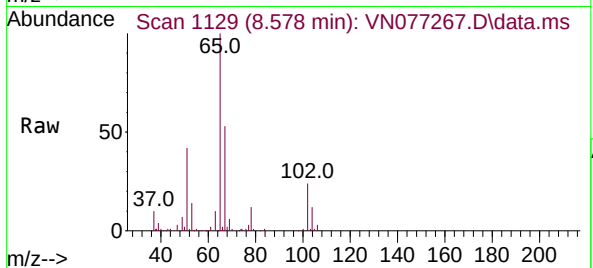
67 53.5 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

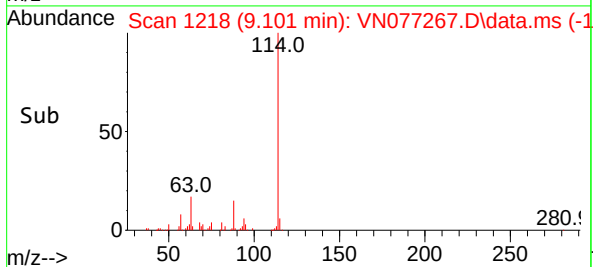
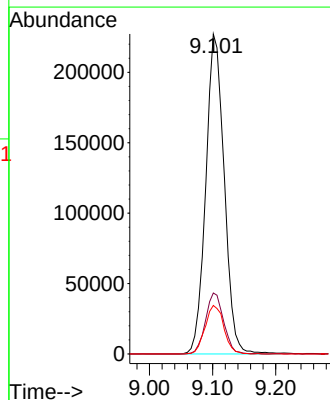
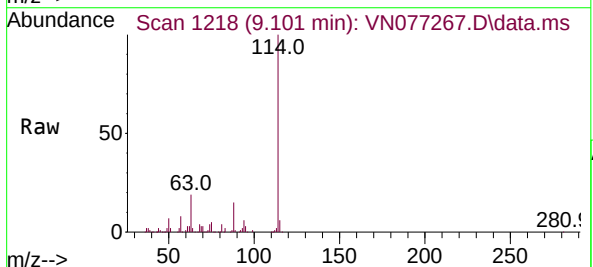
Tgt Ion:114 Resp: 461809

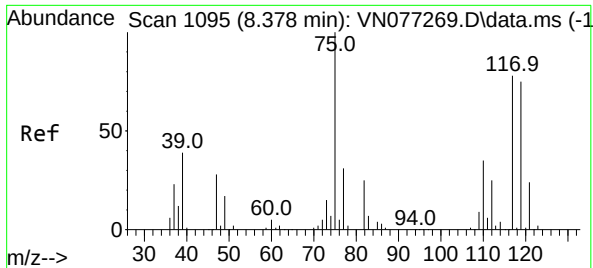
Ion Ratio Lower Upper

114 100

63 18.6 17.0 25.4

88 15.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 4.871 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

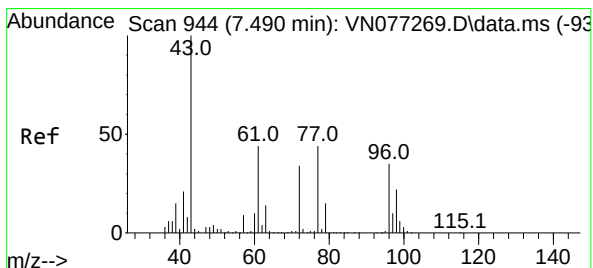
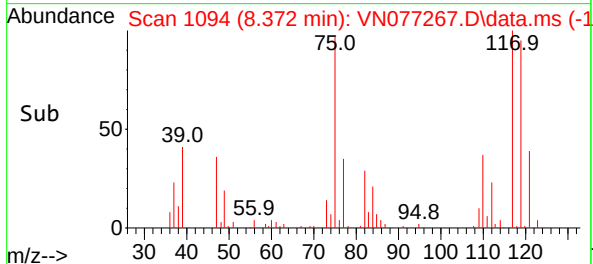
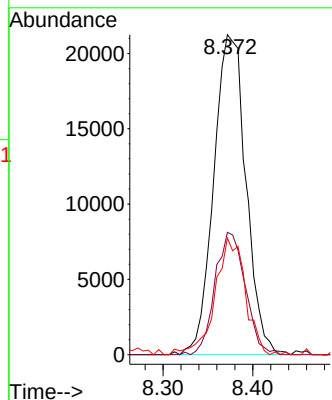
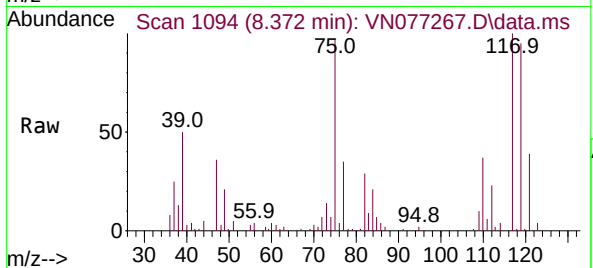
Tgt Ion: 75 Resp: 52980
Ion Ratio Lower Upper
75 100
110 35.7 0.0 67.2
77 33.7 0.0 64.4

Manual Integrations

APPROVED

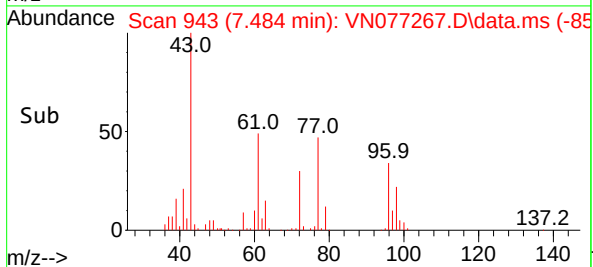
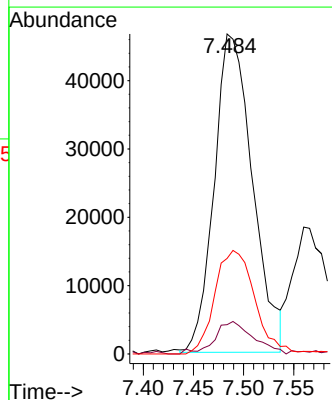
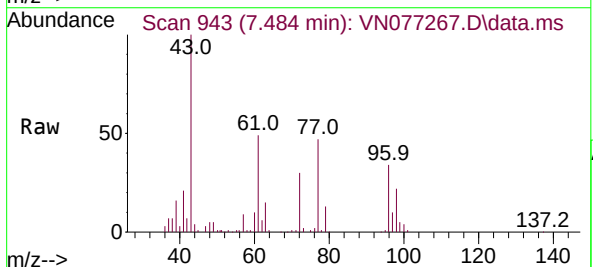
Reviewed By :John Carlone 04/10/2023

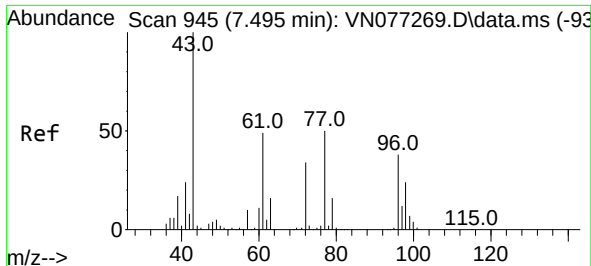
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 24.945 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 43 Resp: 123795
Ion Ratio Lower Upper
43 100
57 9.7 6.1 9.1#
72 33.7 20.2 30.4#





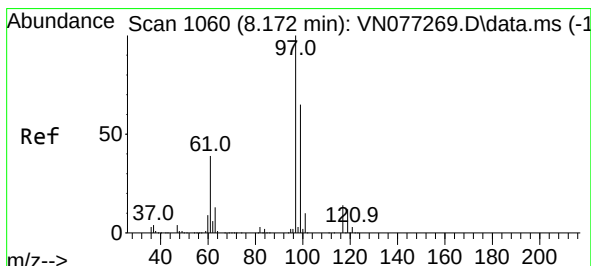
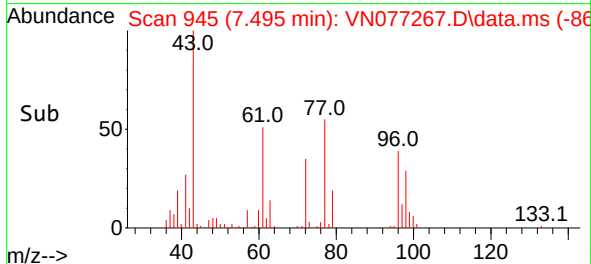
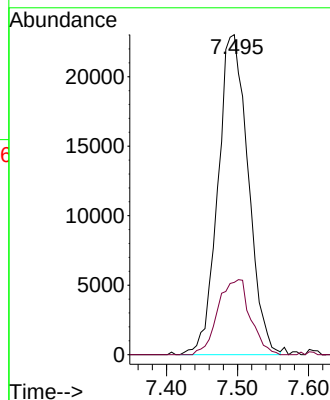
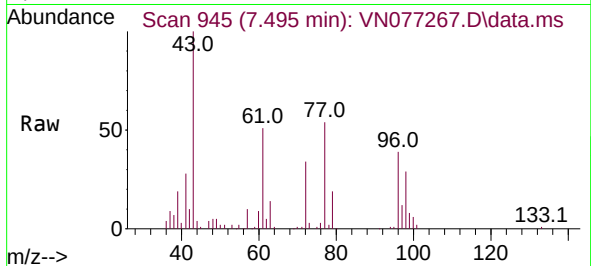
#31
2,2-Dichloropropane
Concen: 6.305 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 67949
Ion Ratio Lower Upper
77 100
97 25.1 7.2 10.8

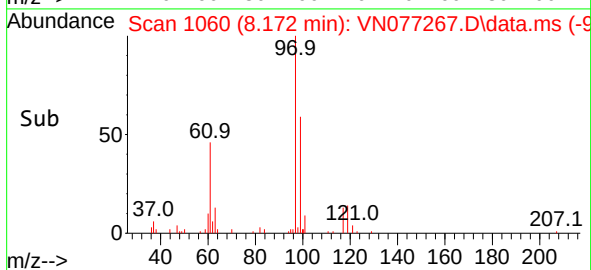
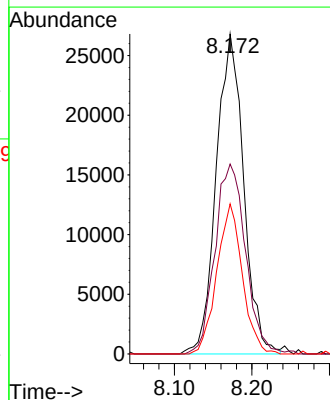
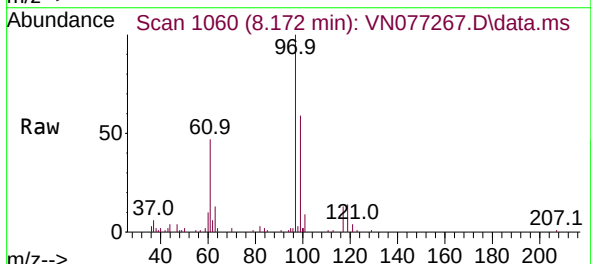
Manual Integrations
APPROVED

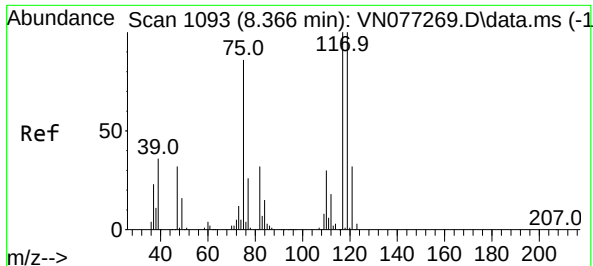
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#32
1,1,1-Trichloroethane
Concen: 5.196 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

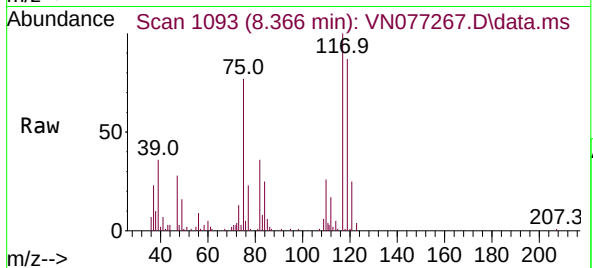
Tgt Ion: 97 Resp: 65919
Ion Ratio Lower Upper
97 100
99 66.2 51.8 77.8
61 43.4 39.3 58.9





#33
Carbon Tetrachloride
Concen: 5.098 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

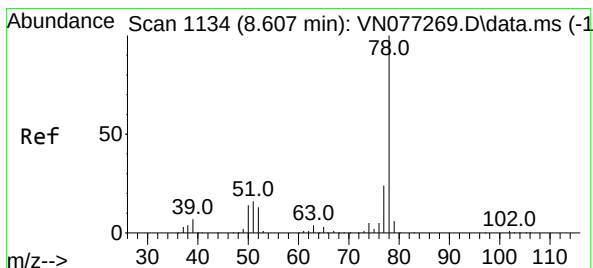
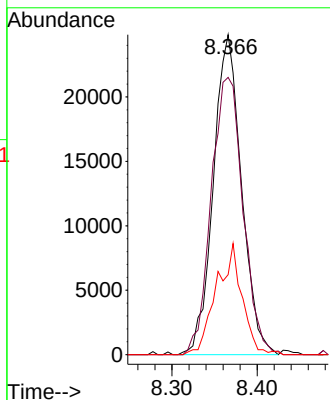
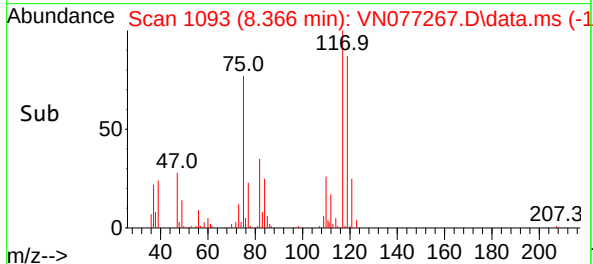
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 57190
Ion Ratio Lower Upper
117 100
119 86.6 79.8 119.8
121 25.0 23.4 35.0

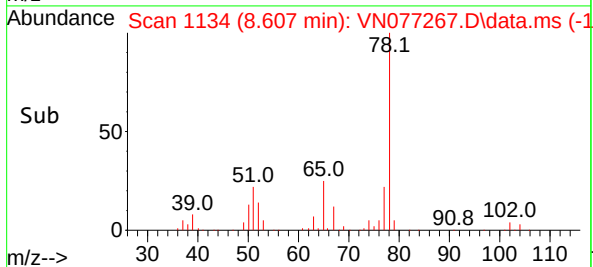
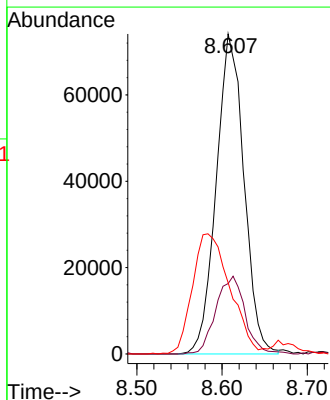
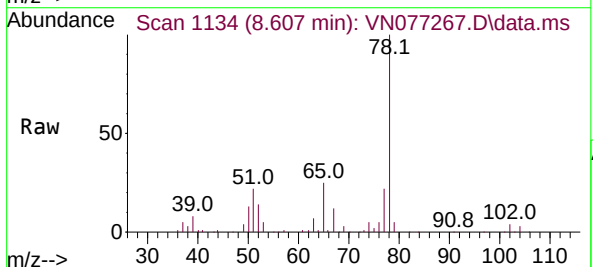
Manual Integrations
APPROVED

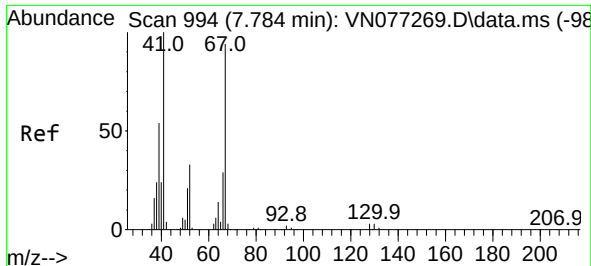
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 5.012 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

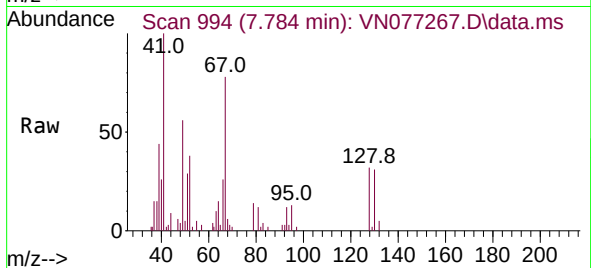
Tgt Ion: 78 Resp: 167148
Ion Ratio Lower Upper
78 100
77 22.0 17.4 26.2
51 20.2 13.8 20.6





#35
Methacrylonitrile
Concen: 4.355 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

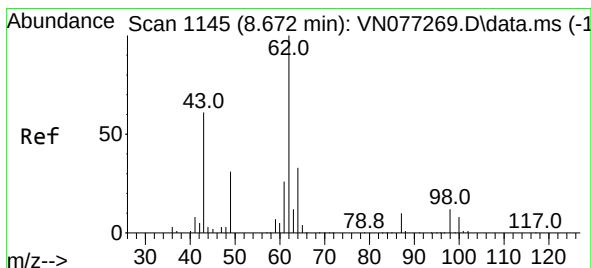
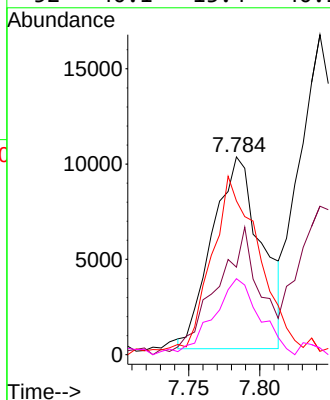
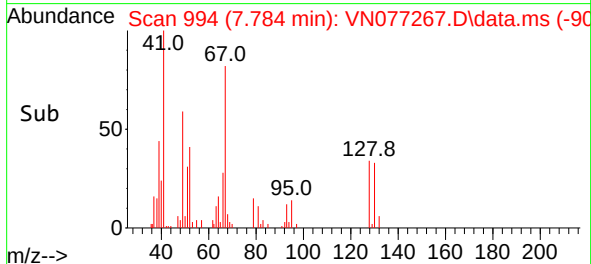
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 24318
Ion Ratio Lower Upper
41 100
39 43.8 26.6 79.7
67 78.9 32.3 96.9
52 40.1 13.4 40.1#

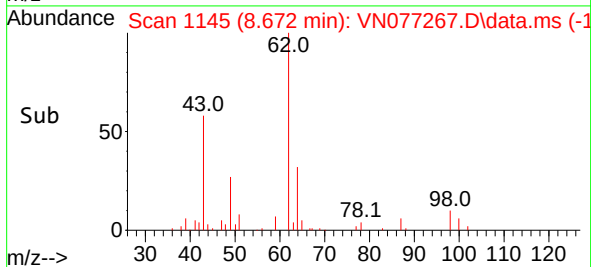
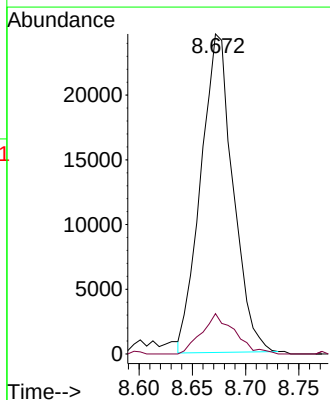
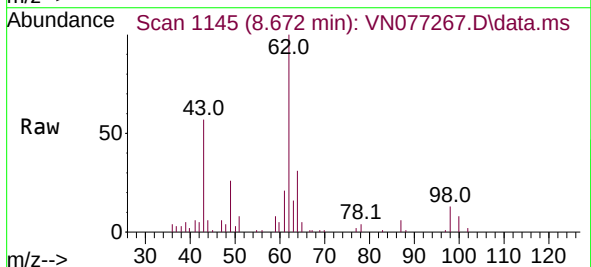
Manual Integrations
APPROVED

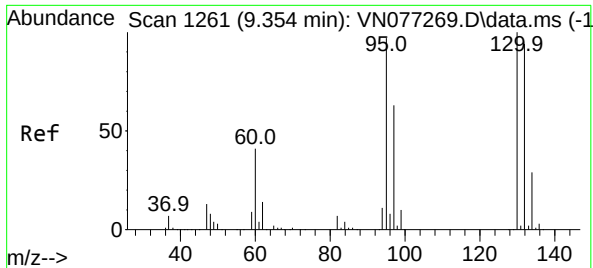
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 4.653 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 62 Resp: 52007
Ion Ratio Lower Upper
62 100
98 12.4 7.4 11.0#





#37

Trichloroethene

Concen: 5.278 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 4338

Ion Ratio Lower Upper

130 100

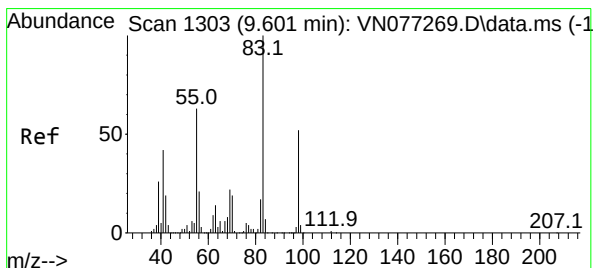
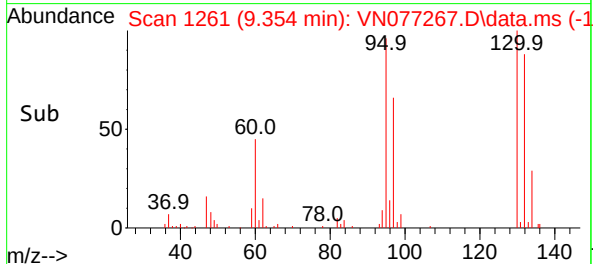
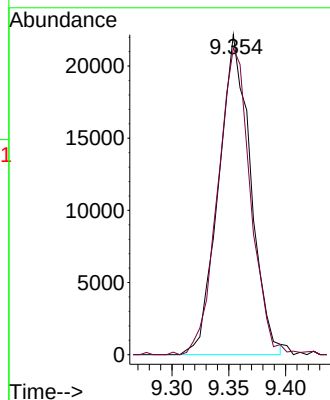
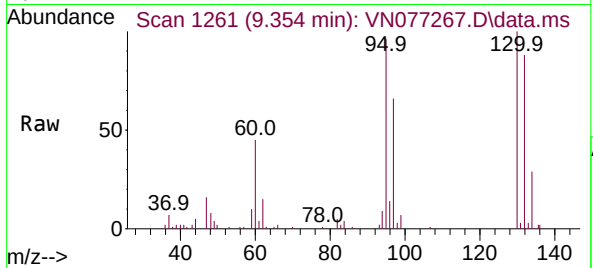
95 95.8 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 5.551 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

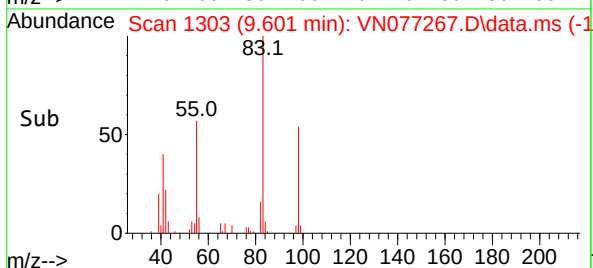
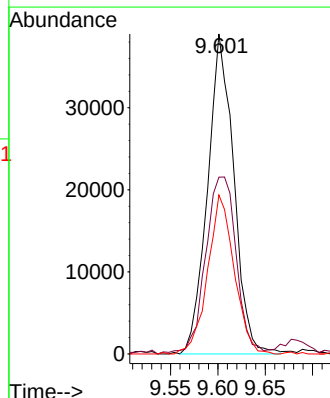
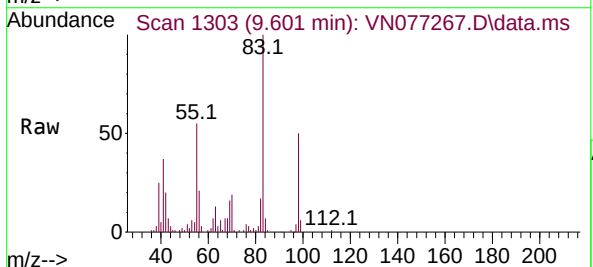
Tgt Ion: 83 Resp: 75158

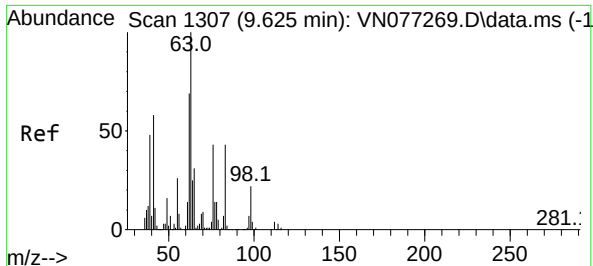
Ion Ratio Lower Upper

83 100

55 63.4 37.6 112.9

98 50.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 4.795 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077267.D

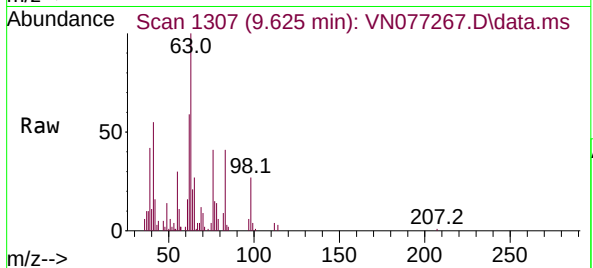
Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion: 63 Resp: 41085

Ion Ratio Lower Upper

63 100

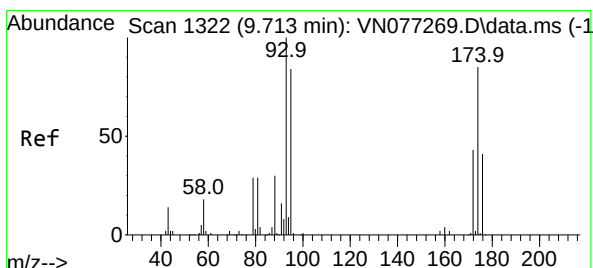
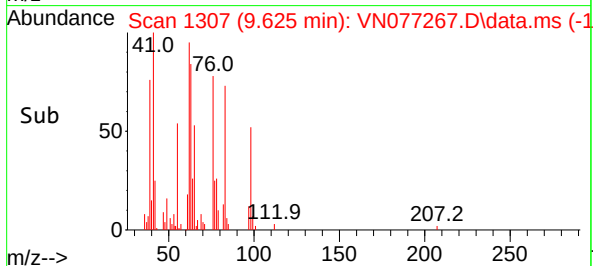
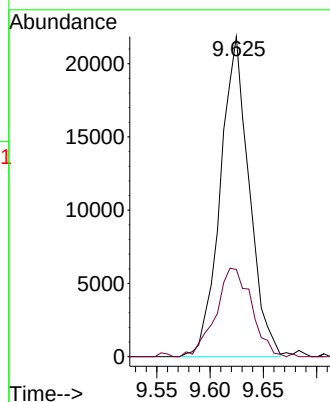
65 27.3 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 5.658 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

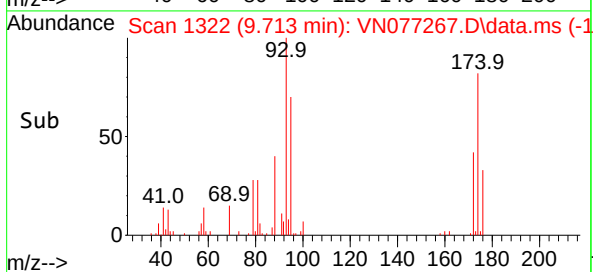
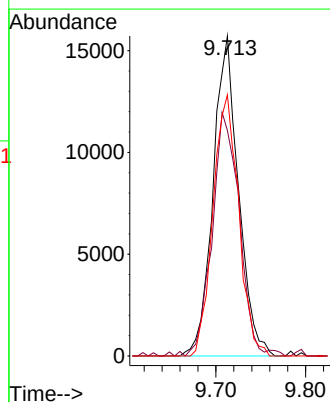
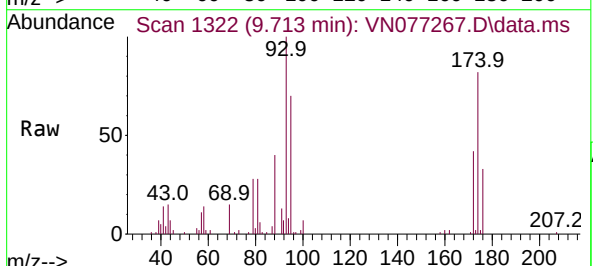
Tgt Ion: 93 Resp: 30885

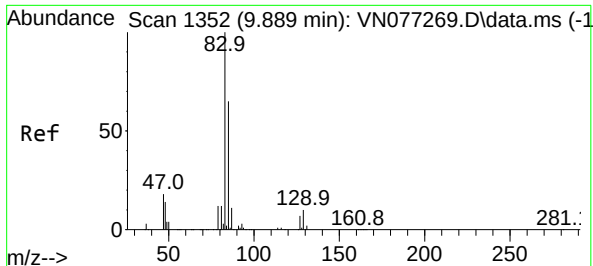
Ion Ratio Lower Upper

93 100

95 80.3 0.0 158.0

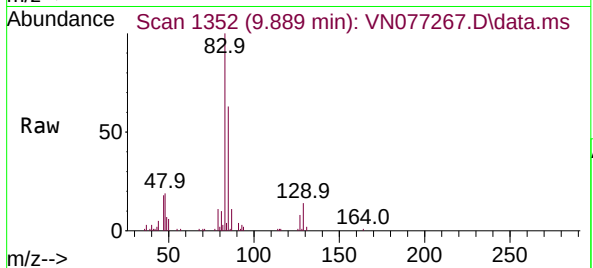
174 82.5 0.0 171.2





#41
Bromodichloromethane
Concen: 5.542 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

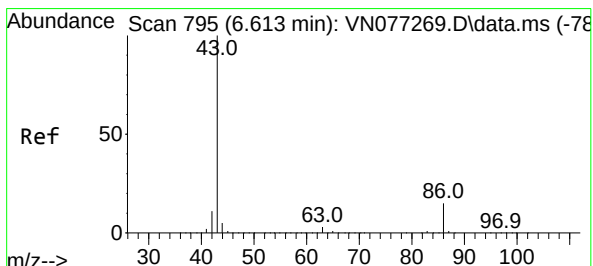
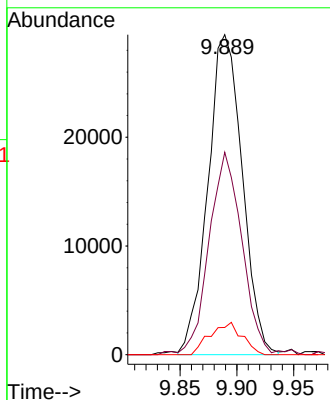
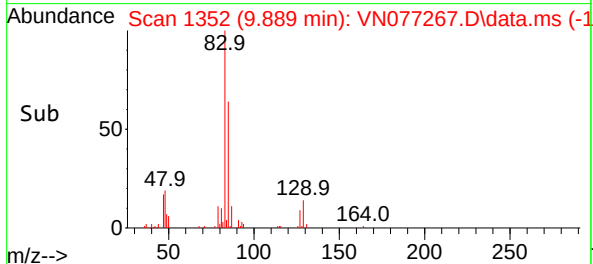
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



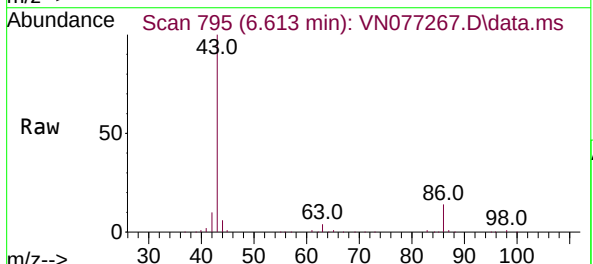
Tgt Ion: 83 Resp: 6199
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4
127 8.5 6.2 9.2

Manual Integrations
APPROVED

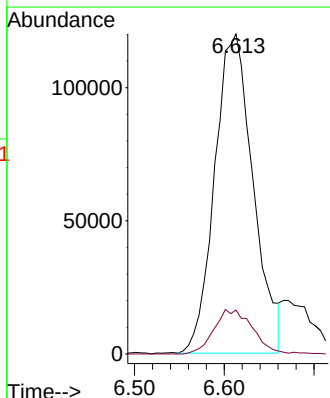
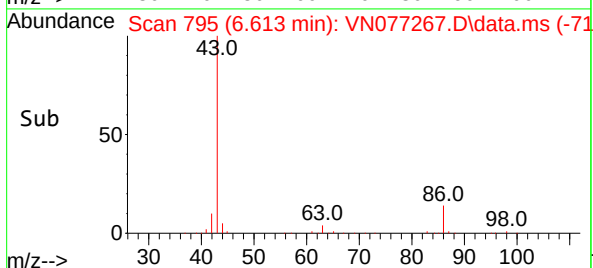
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

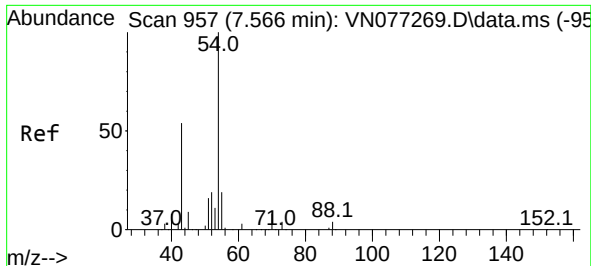


#42
Vinyl Acetate
Concen: 23.084 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



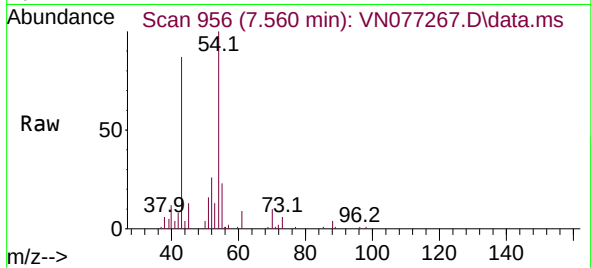
Tgt Ion: 43 Resp: 357099
Ion Ratio Lower Upper
43 100
86 13.9 7.8 11.6#





#43
Ethyl Acetate
Concen: 4.598 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

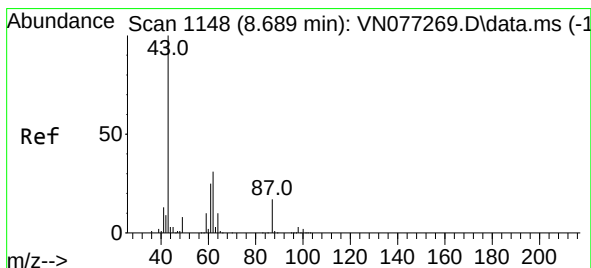
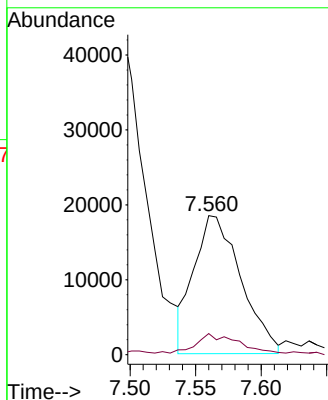
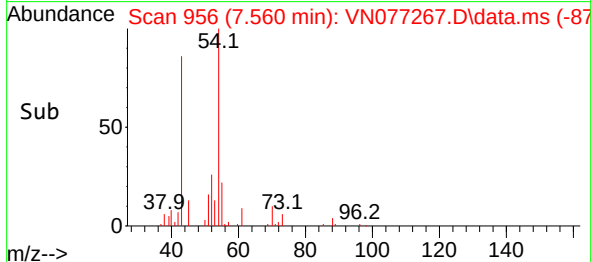
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



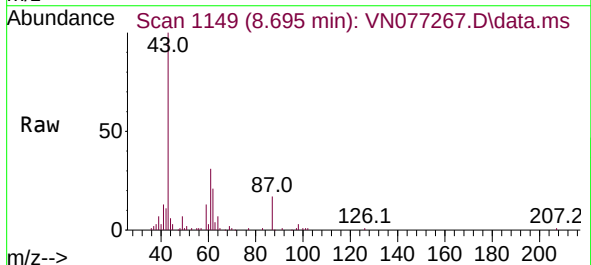
Tgt Ion: 43 Resp: 46040
Ion Ratio Lower Upper
43 100
45 6.0 11.2 16.8

Manual Integrations
APPROVED

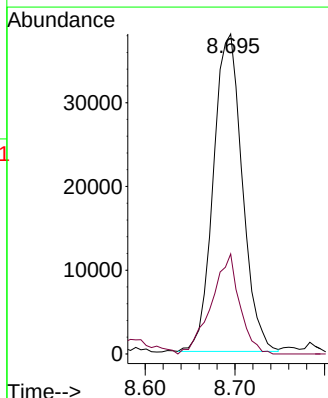
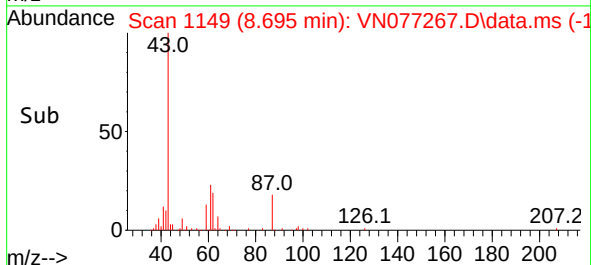
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

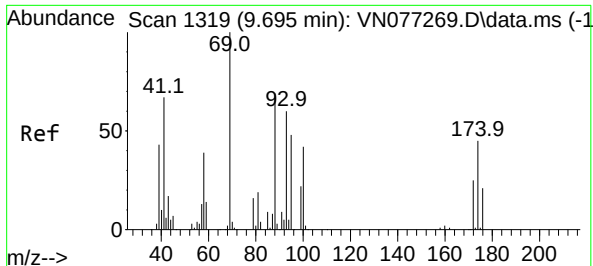


#44
Isopropyl Acetate
Concen: 5.223 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



Tgt Ion: 43 Resp: 84783
Ion Ratio Lower Upper
43 100
61 30.6 19.5 29.3





#45

1,4-Dioxane

Concen: 121.465 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 1658

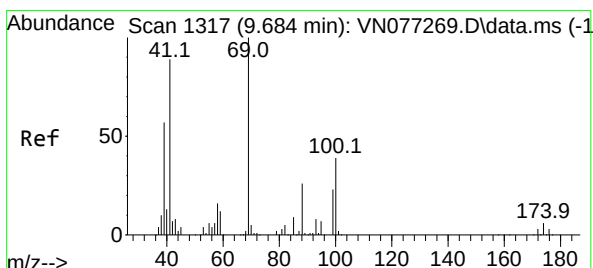
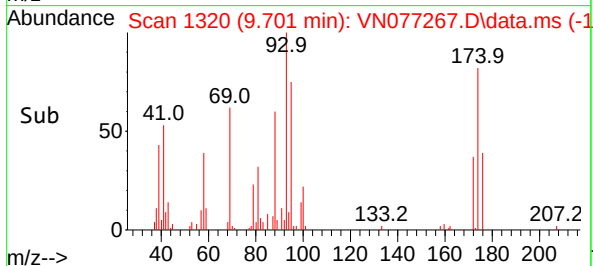
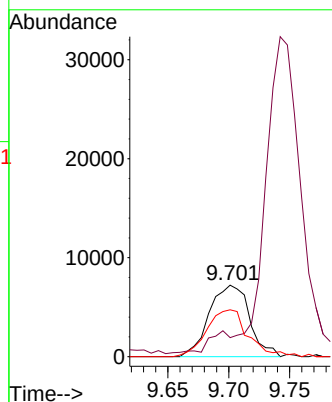
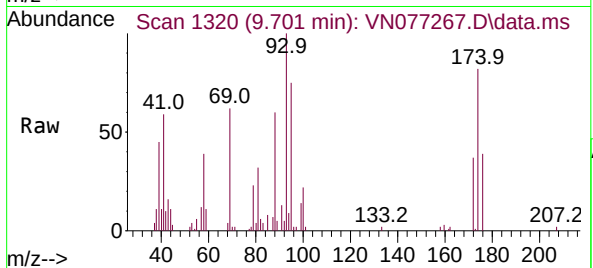
Ion	Ratio	Lower	Upper
88	100		
43	16.2	26.0	39.0
58	65.4	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#46

Methyl methacrylate

Concen: 4.650 ug/l

RT: 9.683 min Scan# 1317

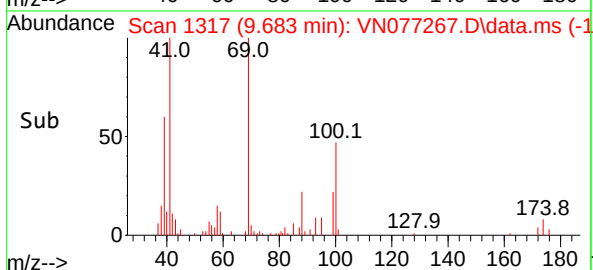
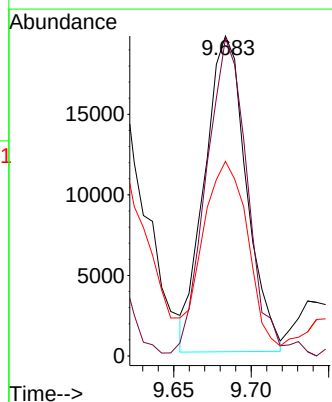
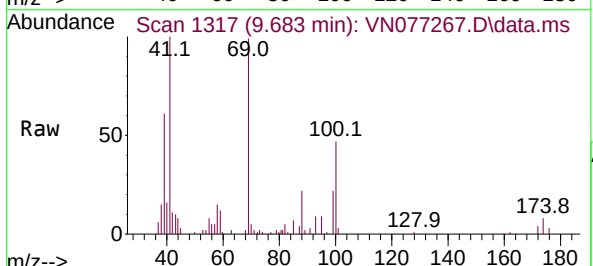
Delta R.T. 0.000 min

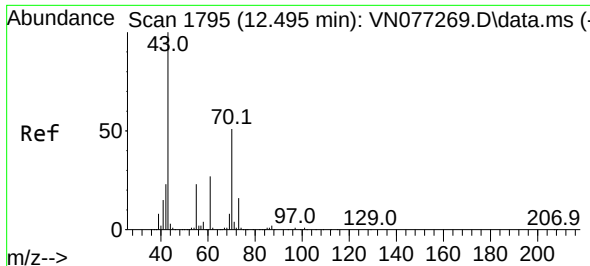
Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion: 41 Resp: 36755

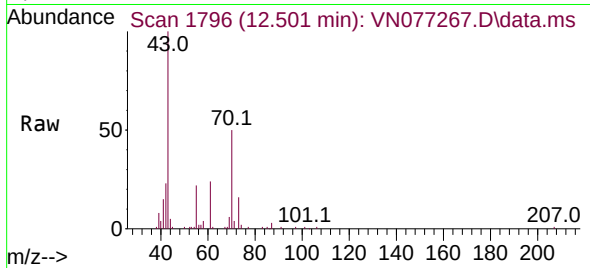
Ion	Ratio	Lower	Upper
41	100		
69	100.8	40.6	121.7
39	60.5	30.5	91.5





#47
n-amy1 Acetate
Concen: 5.109 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

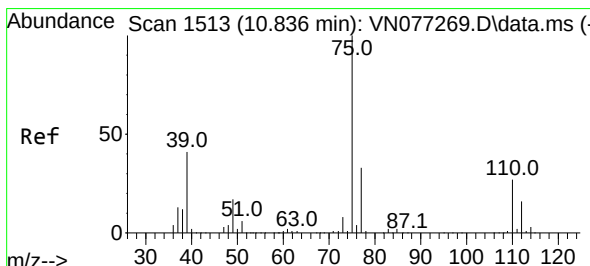
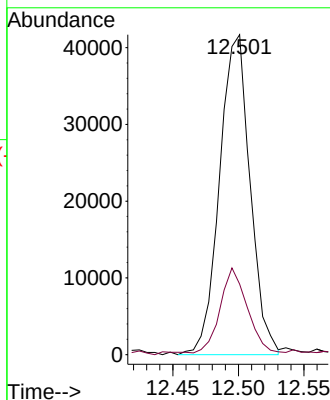
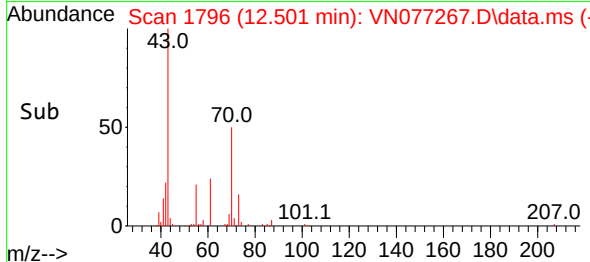
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 67480
Ion Ratio Lower Upper
43 100
55 23.4 18.3 27.5

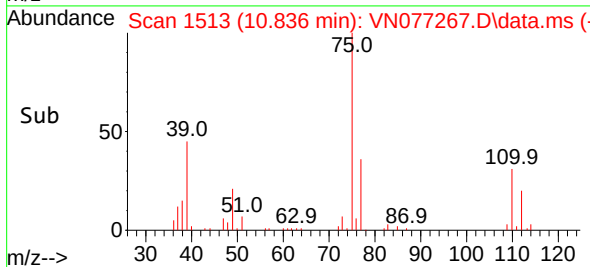
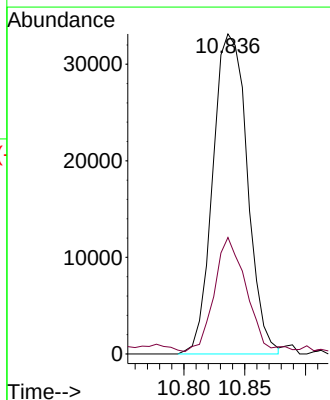
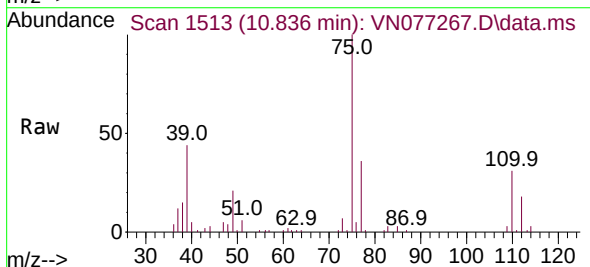
Manual Integrations
APPROVED

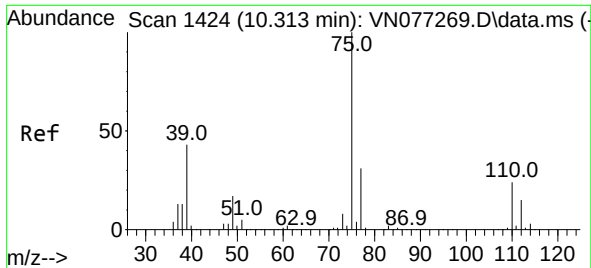
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 5.822 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 75 Resp: 65234
Ion Ratio Lower Upper
75 100
77 35.2 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 5.497 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

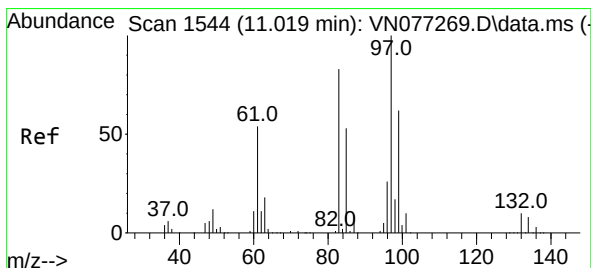
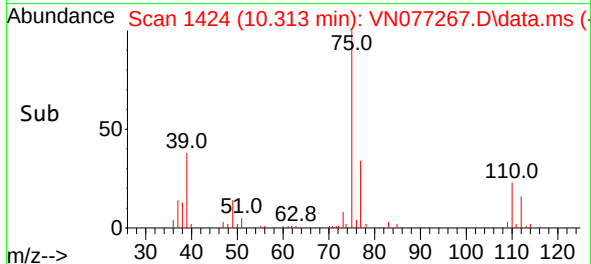
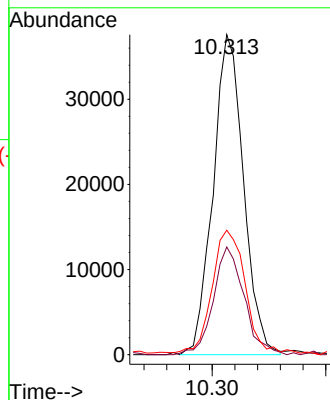
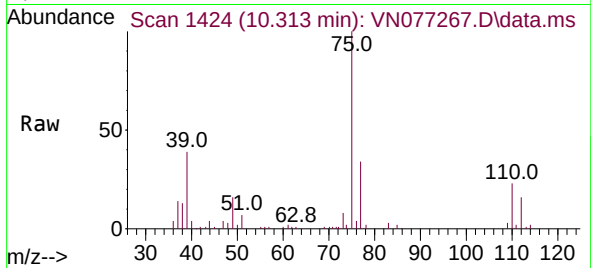
Tgt Ion: 75	Resp: 6995
Ion Ratio	Lower Upper
75 100	
77 33.2	27.5 41.3
39 38.1	43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 5.350 ug/l

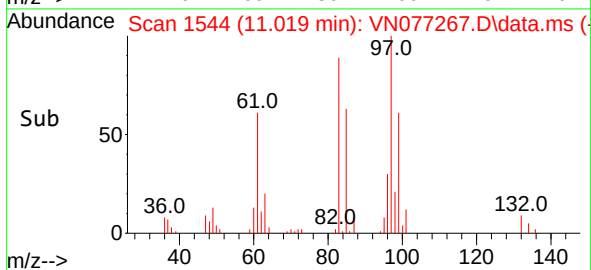
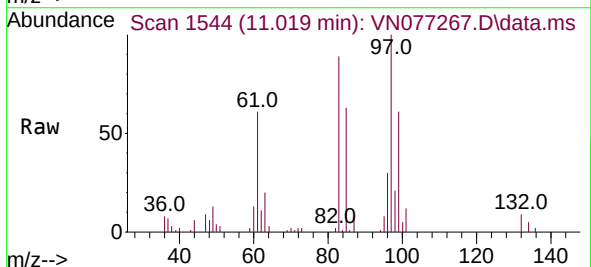
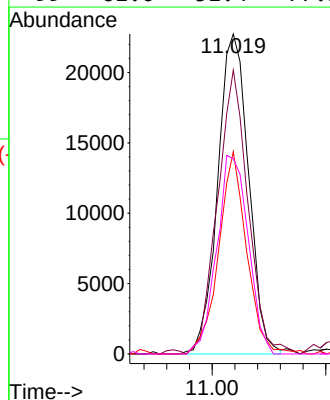
RT: 11.019 min Scan# 1544

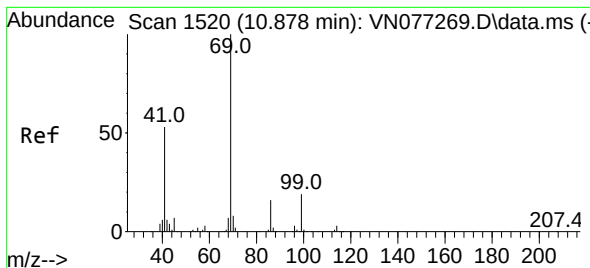
Delta R.T. -0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion: 97	Resp: 42784
Ion Ratio	Lower Upper
97 100	
83 87.9	71.0 106.4
85 63.2	45.5 68.3
99 61.0	51.4 77.2





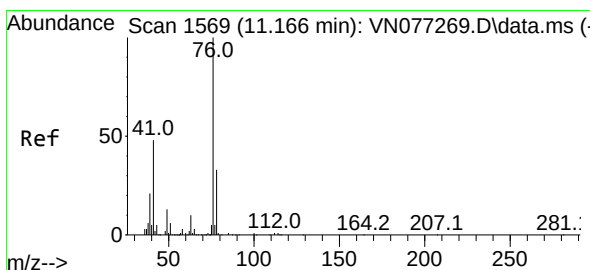
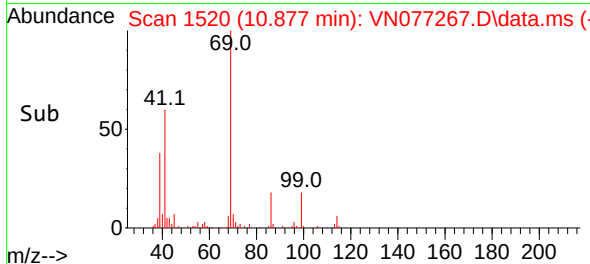
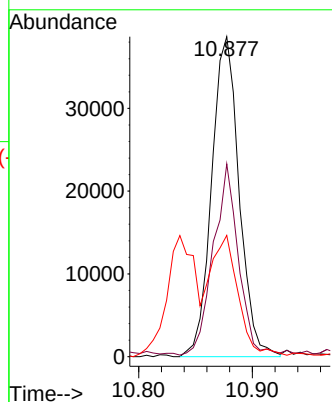
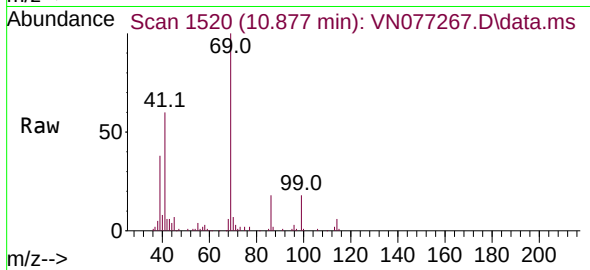
#51
Ethyl methacrylate
Concen: 5.518 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 65040
Ion Ratio Lower Upper
69 100
41 59.7 36.3 108.7
39 36.9 19.9 59.7

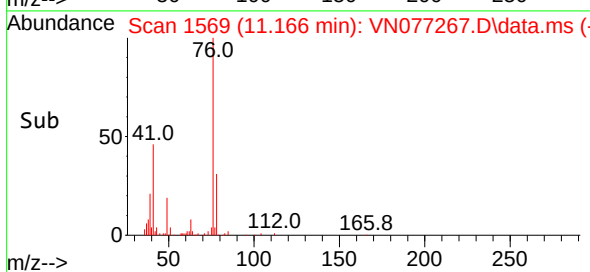
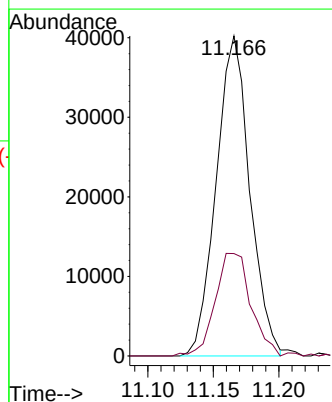
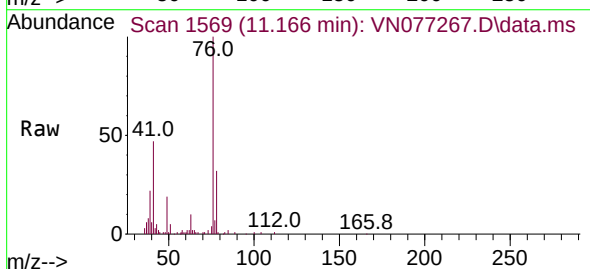
Manual Integrations
APPROVED

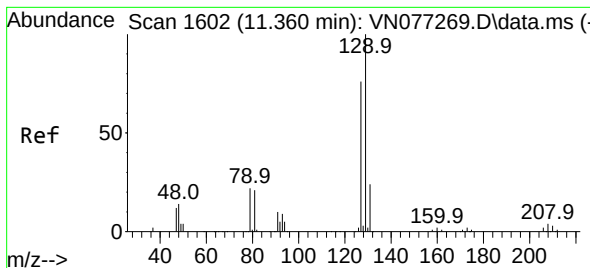
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 5.187 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

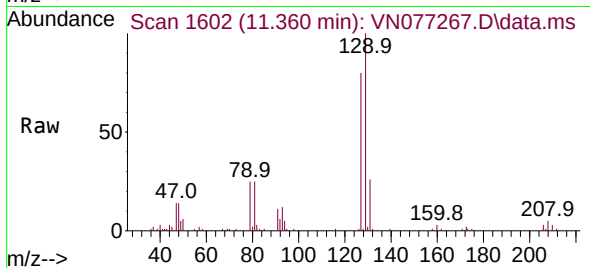
Tgt Ion: 76 Resp: 71646
Ion Ratio Lower Upper
76 100
78 34.0 0.0 65.4





#53
Dibromochloromethane
Concen: 5.277 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

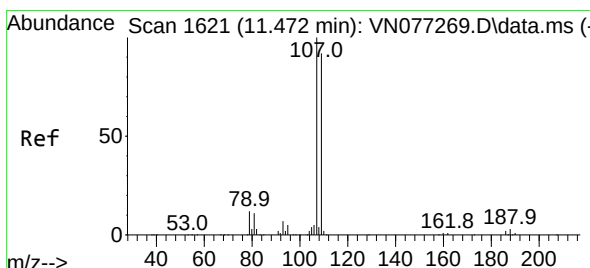
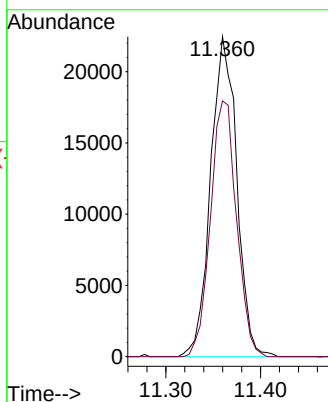
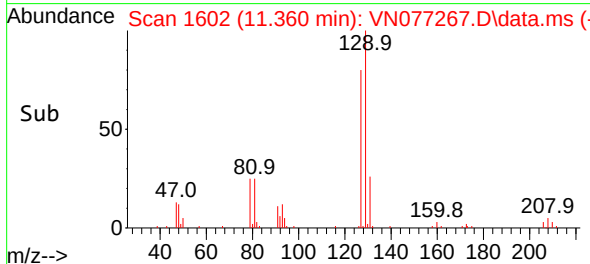
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



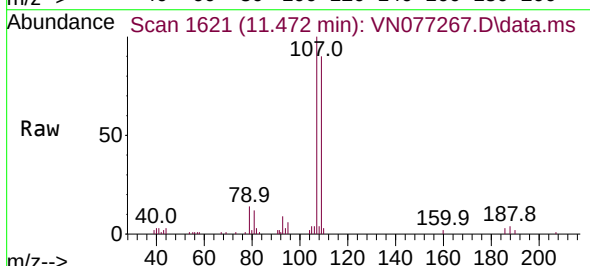
Tgt Ion:129 Resp: 43040
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.1

Manual Integrations
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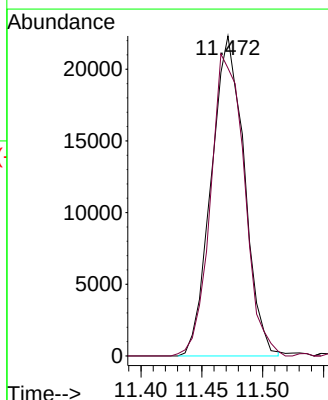
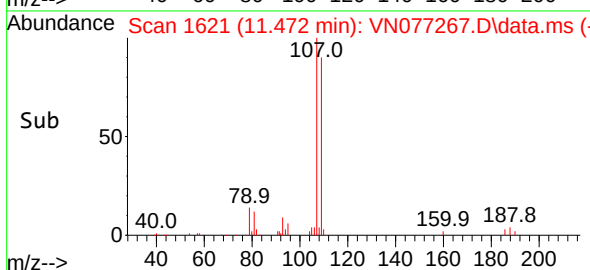
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

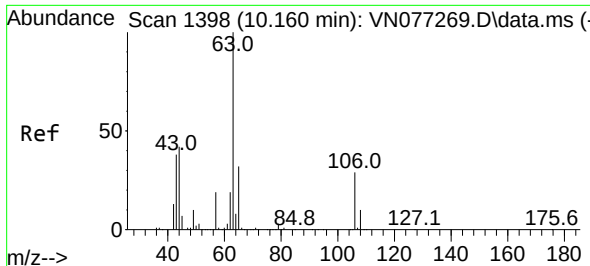


#54
1,2-Dibromoethane
Concen: 5.453 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



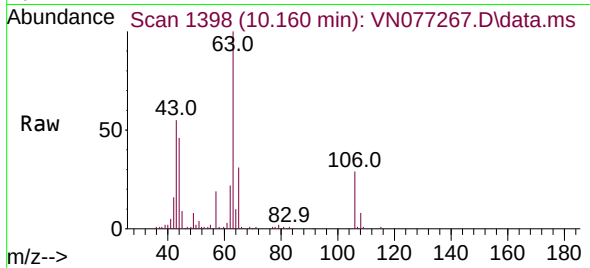
Tgt Ion:107 Resp: 42080
Ion Ratio Lower Upper
107 100
109 96.5 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 20.533 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

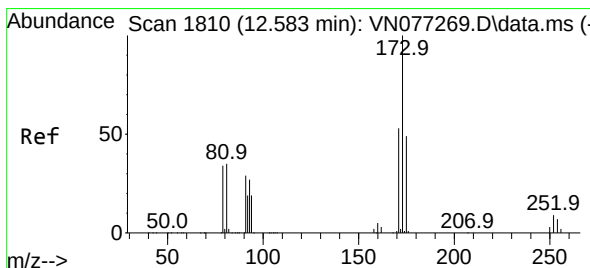
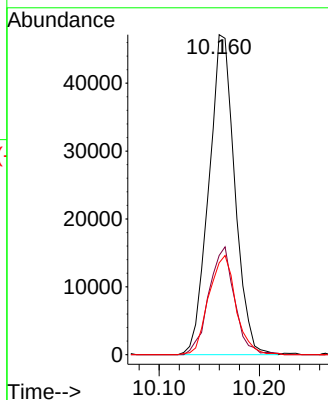
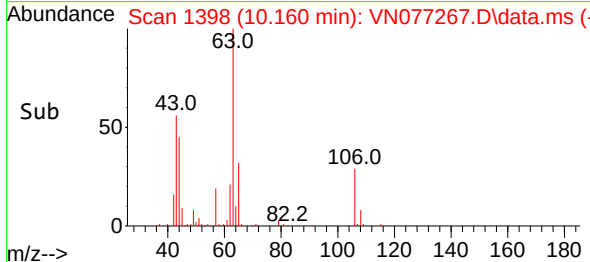
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 84870
Ion Ratio Lower Upper
63 100
65 33.0 26.3 39.5
106 32.1 21.6 32.4

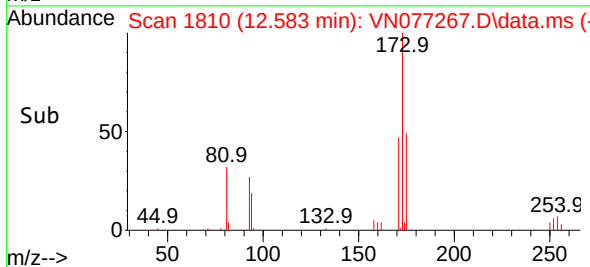
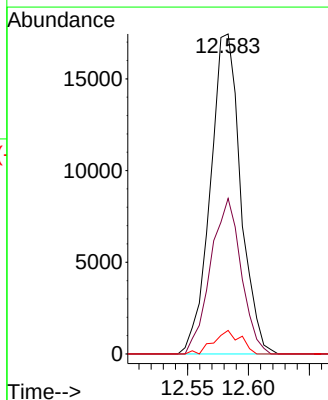
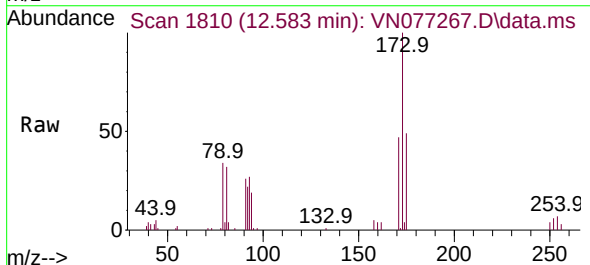
Manual Integrations
APPROVED

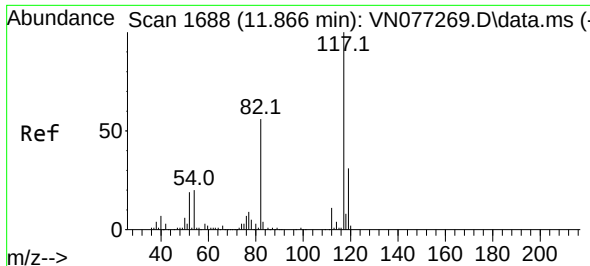
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 5.526 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion:173 Resp: 30159
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.6
254 6.4 7.3 10.9#





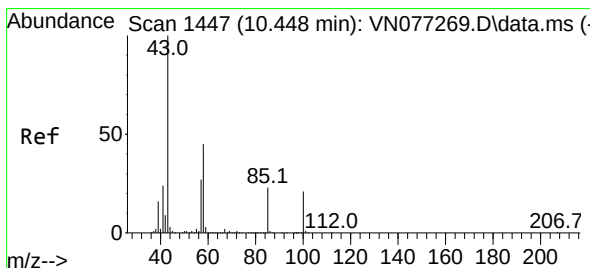
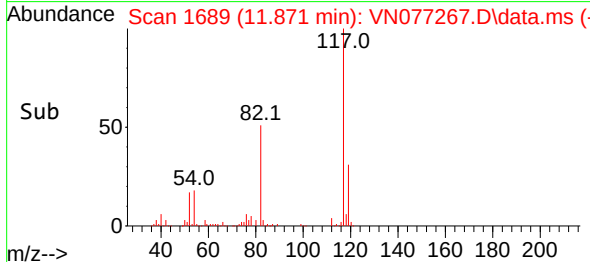
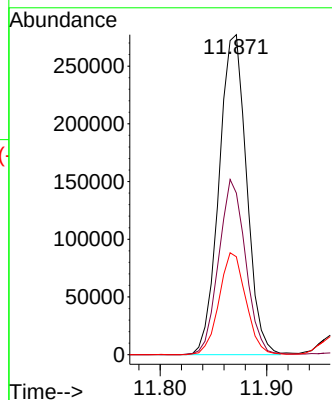
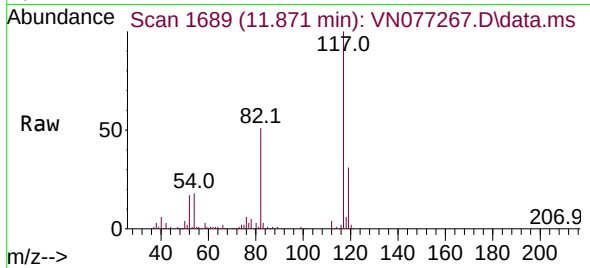
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 49830
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 30.9 26.8 40.2

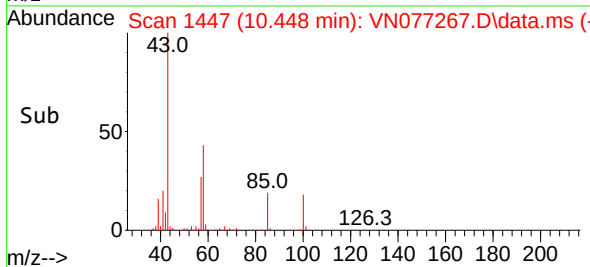
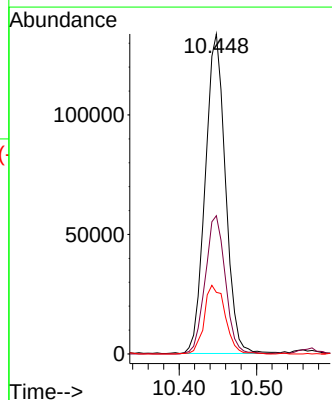
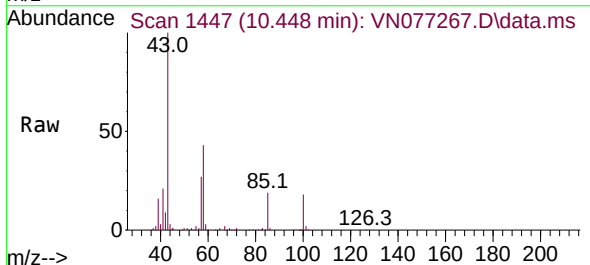
Manual Integrations
APPROVED

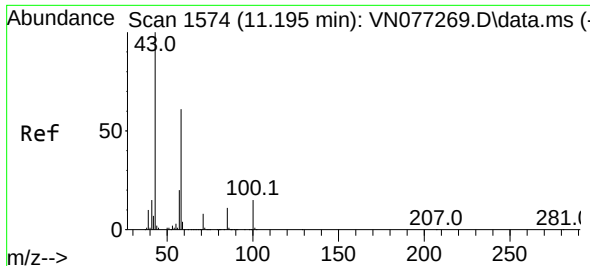
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 24.078 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

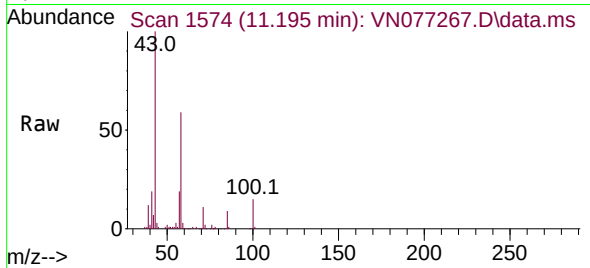
Tgt Ion: 43 Resp: 242382
Ion Ratio Lower Upper
43 100
58 43.5 28.6 42.8#
85 21.9 11.8 17.8#





#59
2-Hexanone
Concen: 26.228 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

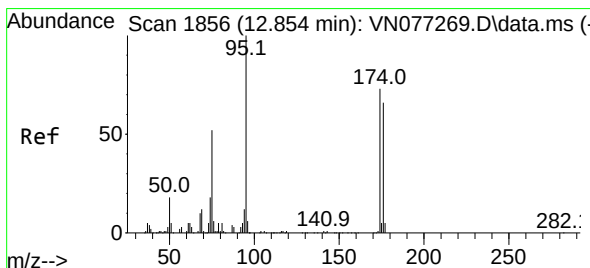
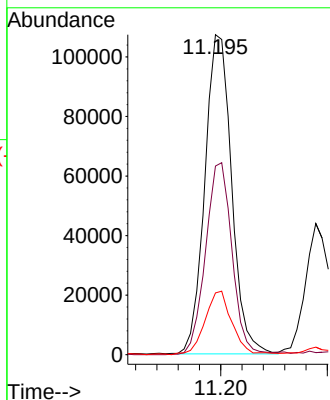
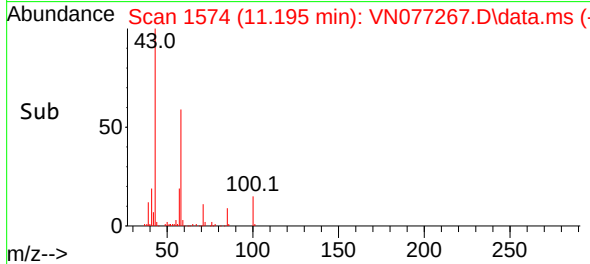
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



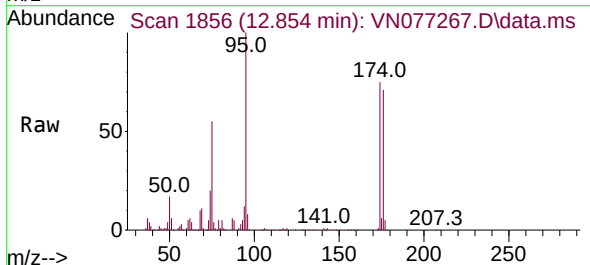
Tgt Ion: 43 Resp: 187552
Ion Ratio Lower Upper
43 100
58 59.3 40.6 60.8
57 19.6 13.1 19.7

Manual Integrations
APPROVED

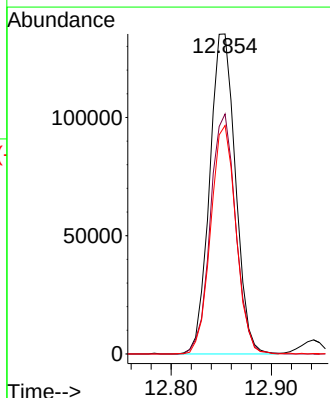
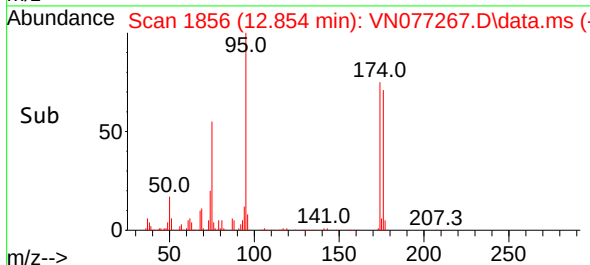
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

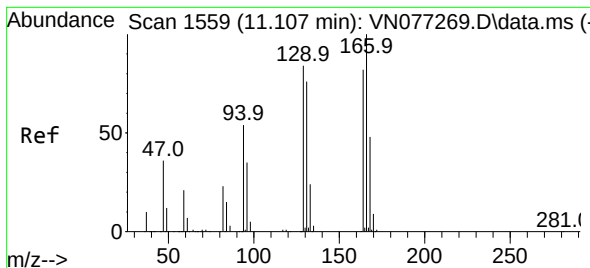


#60
4-Bromofluorobenzene
Concen: 25.676 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



Tgt Ion: 95 Resp: 242156
Ion Ratio Lower Upper
95 100
174 73.7 64.2 96.4
176 69.6 61.4 92.0





#61

Tetrachloroethene

Concen: 4.411 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077267.D

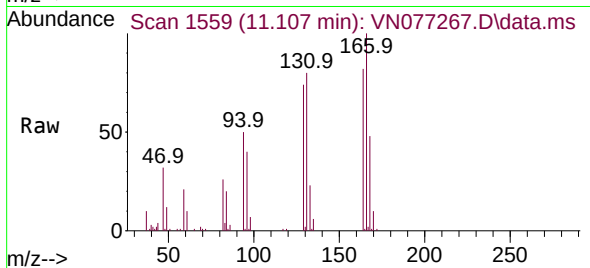
Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



Tgt Ion:164 Resp: 3470

Ion Ratio Lower Upper

164 100

166 121.3 96.2 144.2

129 89.2 78.2 117.4

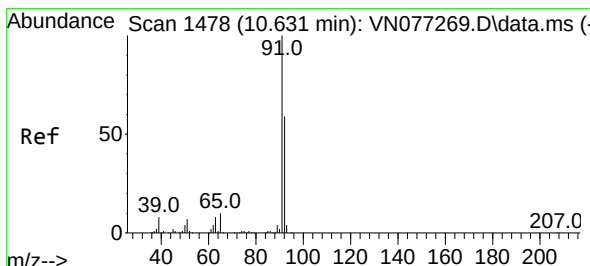
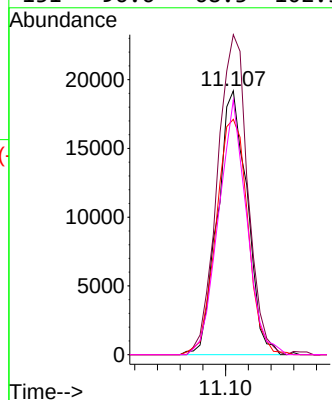
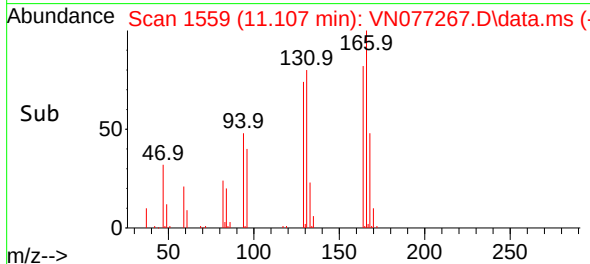
131 96.6 68.3 102.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#62

Toluene

Concen: 5.614 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077267.D

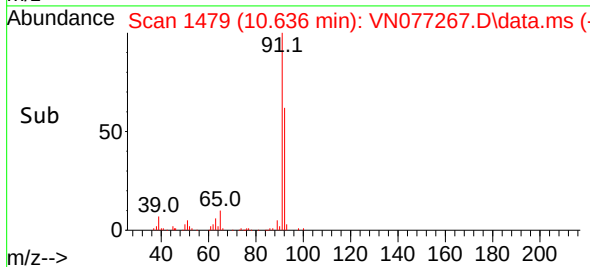
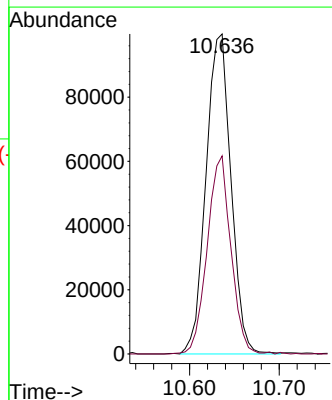
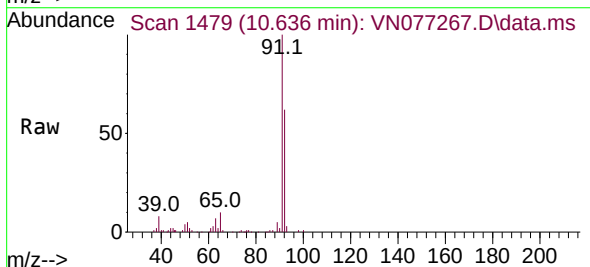
Acq: 07 Apr 2023 09:34

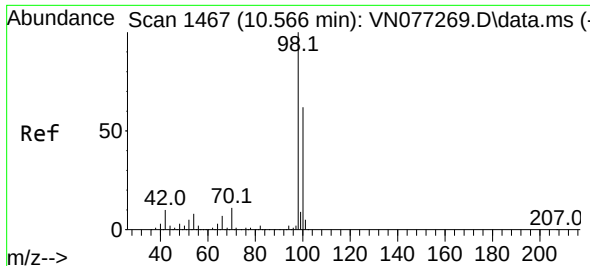
Tgt Ion: 91 Resp: 192777

Ion Ratio Lower Upper

91 100

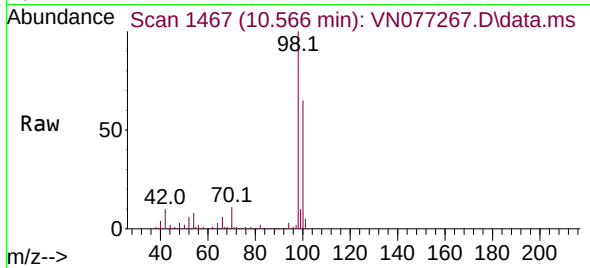
92 58.5 46.3 69.5





#63
Toluene-d8
Concen: 29.742 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

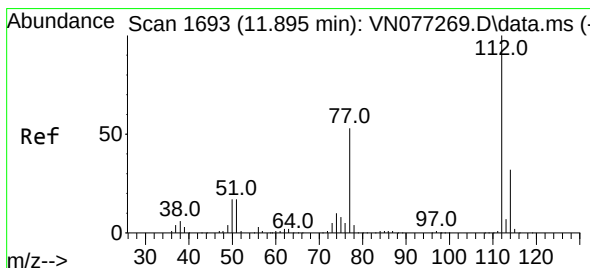
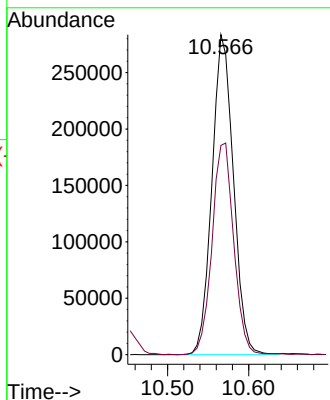
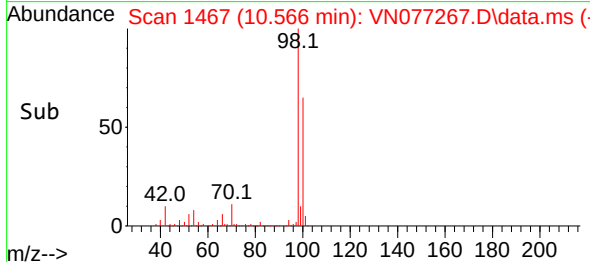
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



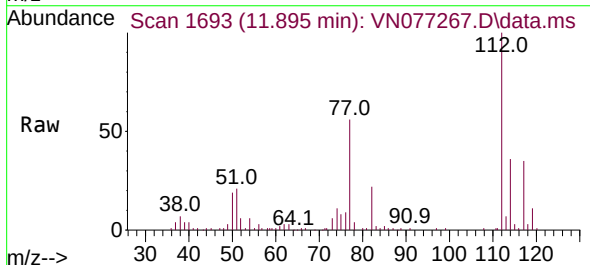
Tgt Ion: 98 Resp: 521283
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6

Manual Integrations
APPROVED

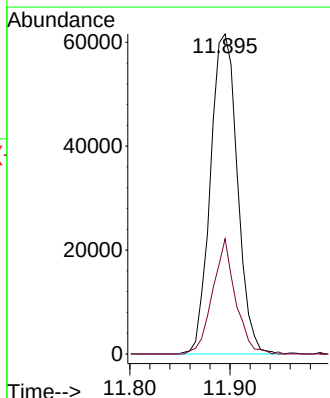
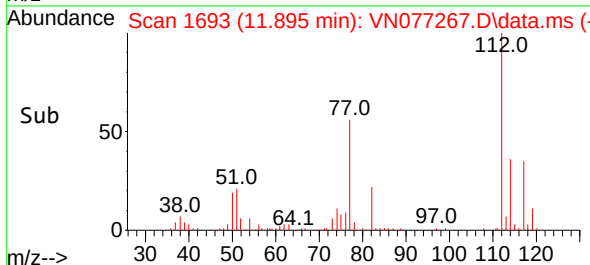
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

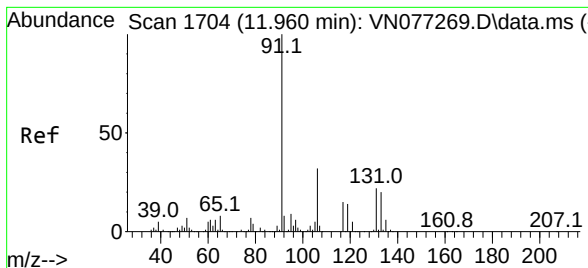


#64
Chlorobenzene
Concen: 5.694 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34



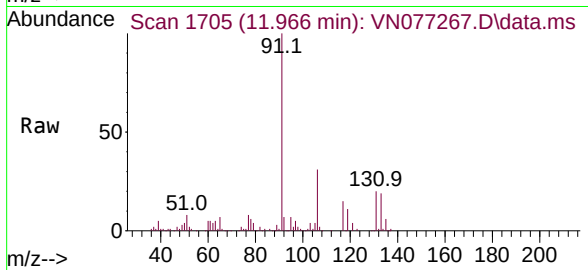
Tgt Ion:112 Resp: 115092
Ion Ratio Lower Upper
112 100
114 36.0 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 5.776 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

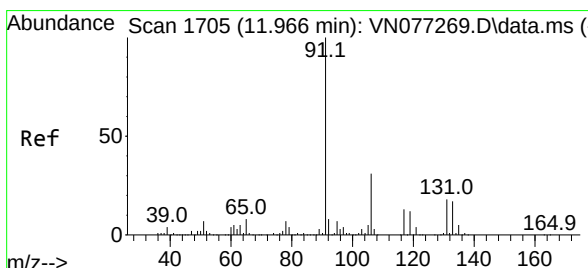
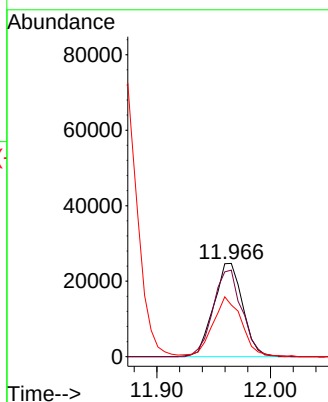
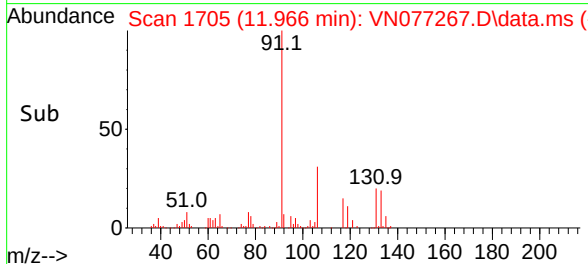
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 4385
Ion Ratio Lower Upper
131 100
133 92.8 0.0 197.6
119 64.2 0.0 127.8

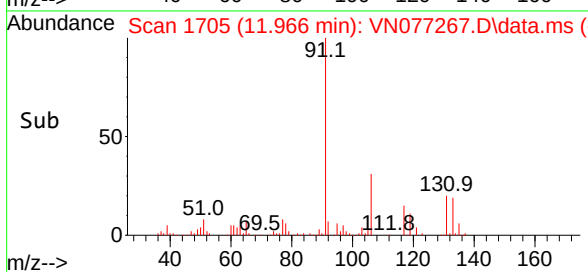
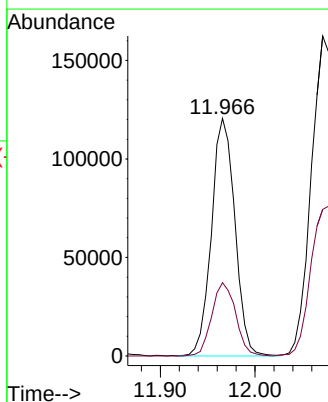
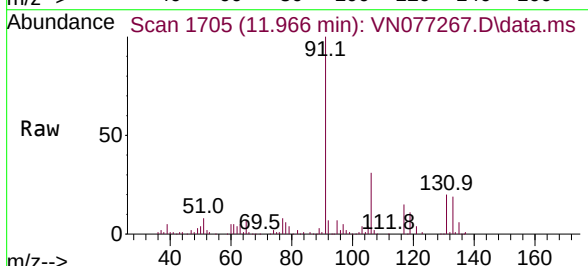
Manual Integrations
APPROVED

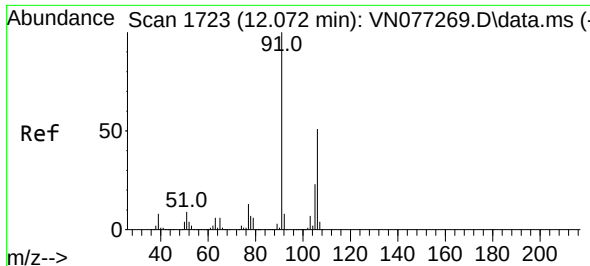
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 5.568 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

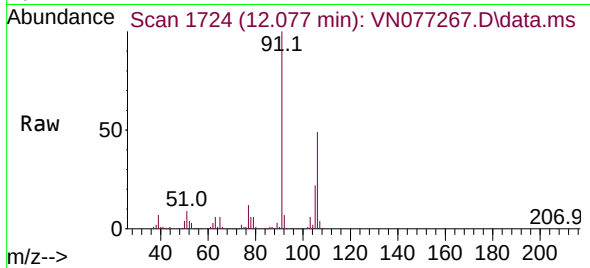
Tgt Ion: 91 Resp: 207553
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.8





#67
m/p-Xylenes
Concen: 11.079 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

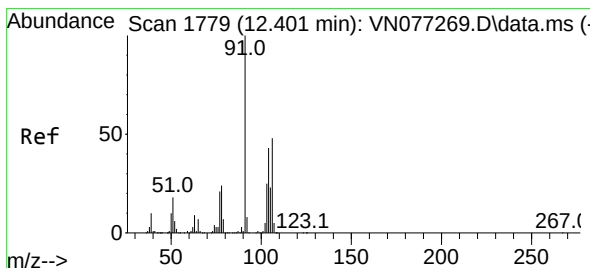
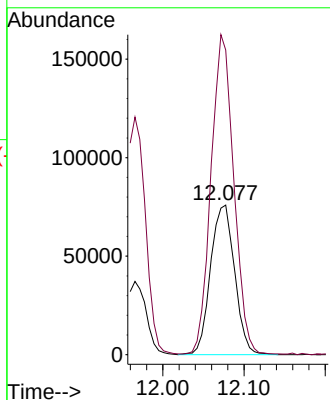
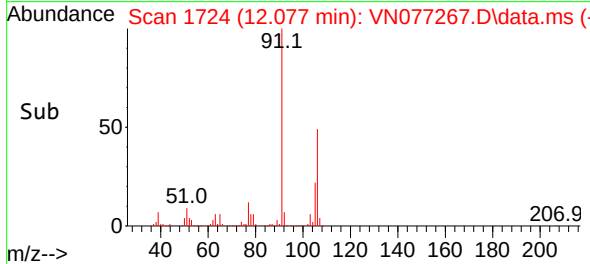
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:106 Resp: 15644
Ion Ratio Lower Upper
106 100
91 202.6 157.4 236.2

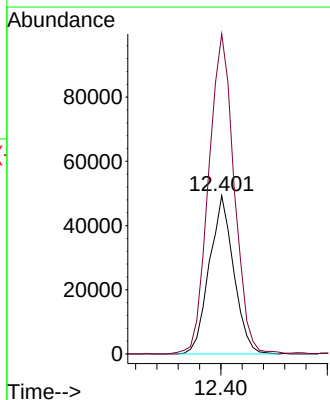
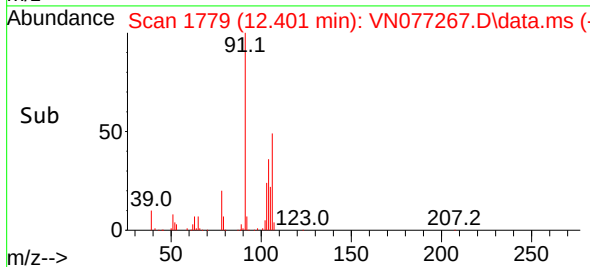
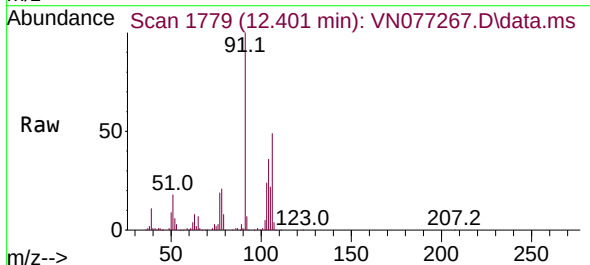
Manual Integrations
APPROVED

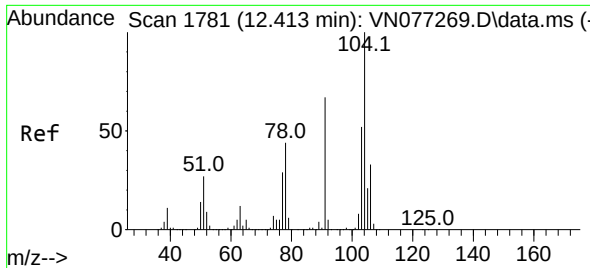
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 5.686 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion:106 Resp: 78384
Ion Ratio Lower Upper
106 100
91 211.2 107.2 321.6





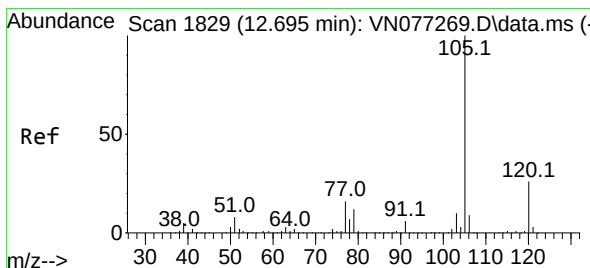
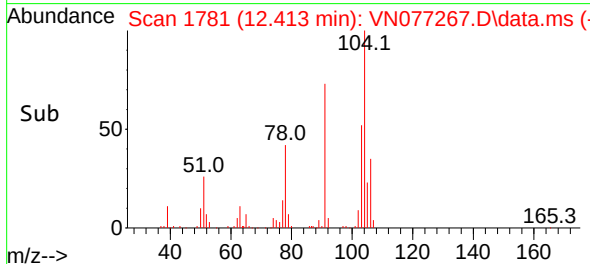
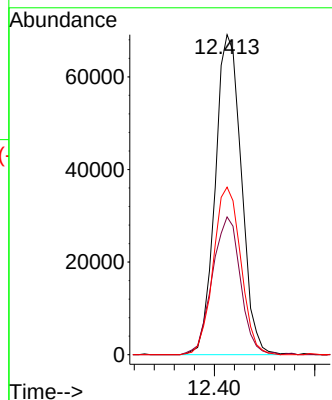
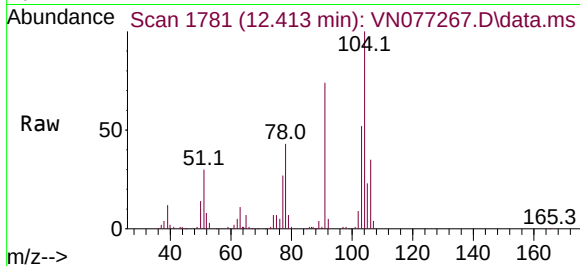
#69
Styrene
Concen: 5.592 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 125034
Ion Ratio Lower Upper
104 100
78 46.5 39.6 59.4
103 55.2 43.9 65.9

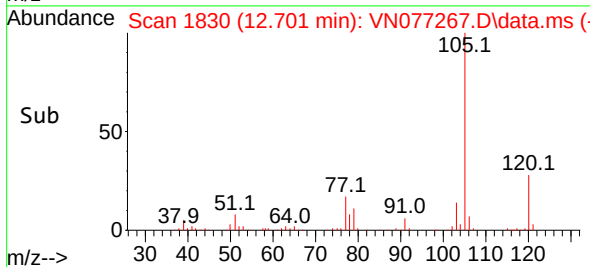
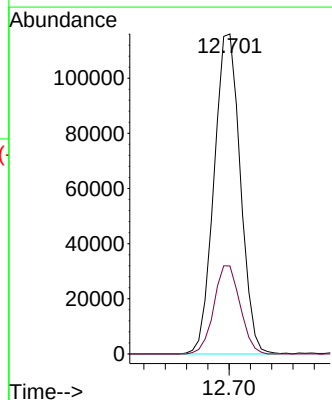
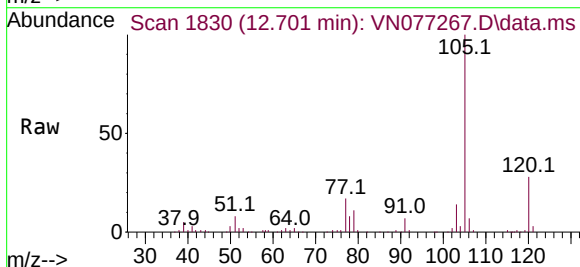
Manual Integrations
APPROVED

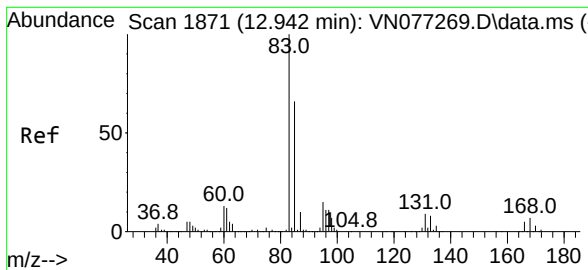
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 5.545 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion:105 Resp: 198906
Ion Ratio Lower Upper
105 100
120 27.4 19.0 35.2





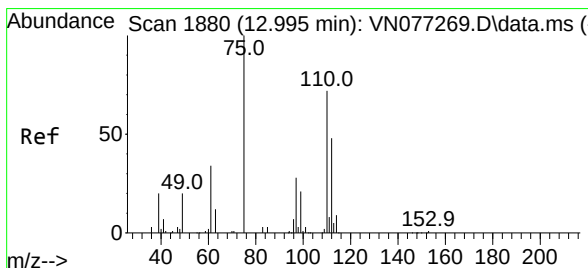
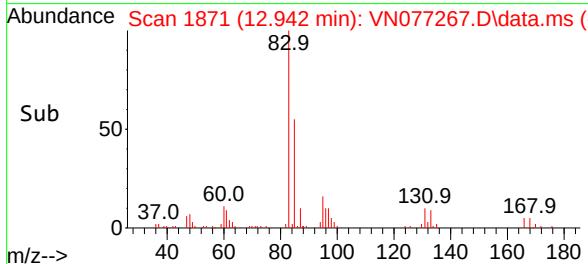
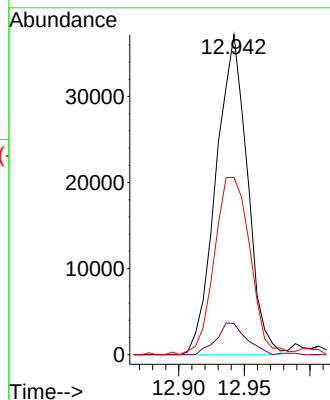
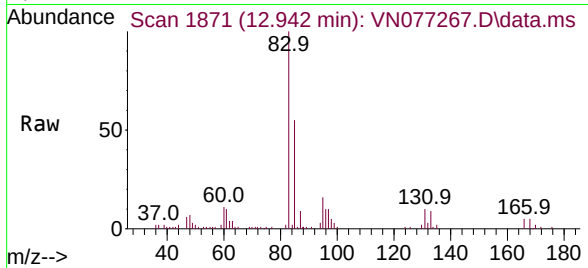
#71
1,1,2,2-Tetrachloroethane
Concen: 5.718 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 61840
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.0 32.3 96.9

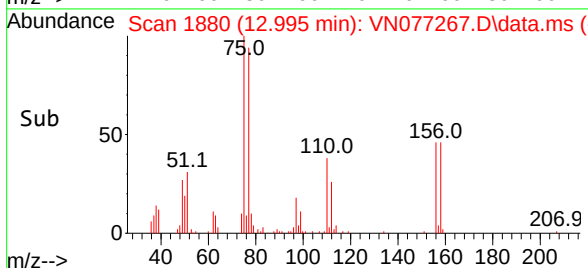
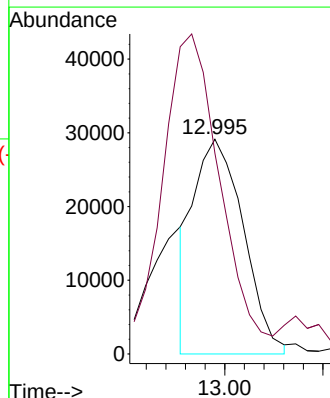
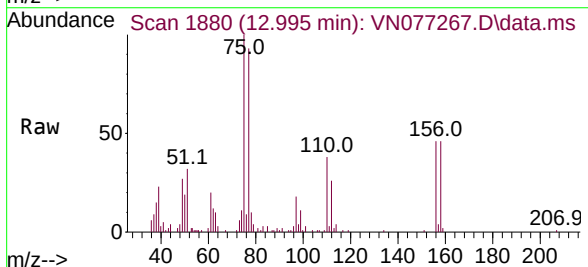
Manual Integrations
APPROVED

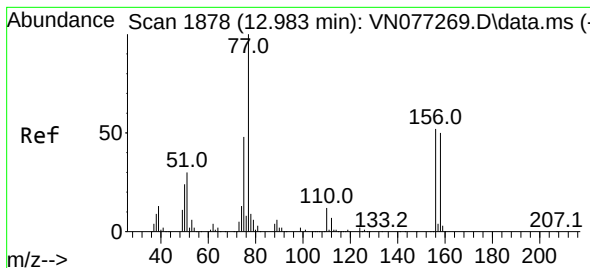
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#72
1,2,3-Trichloropropane
Concen: 5.162 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 75 Resp: 51214
Ion Ratio Lower Upper
75 100
77 174.5 0.0 332.6





#73

Bromobenzene

Concen: 5.096 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

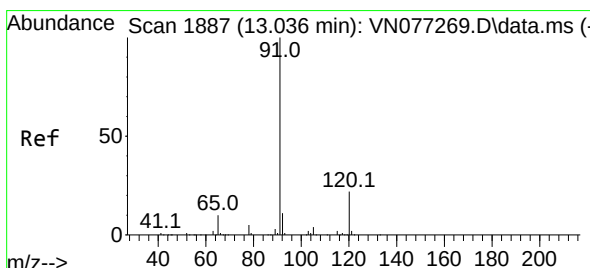
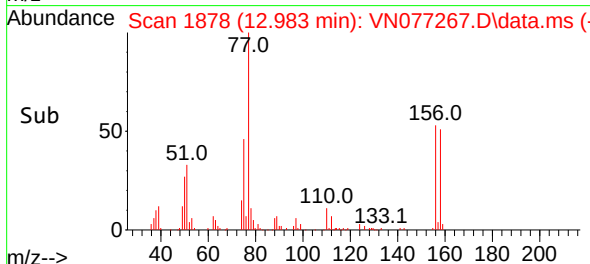
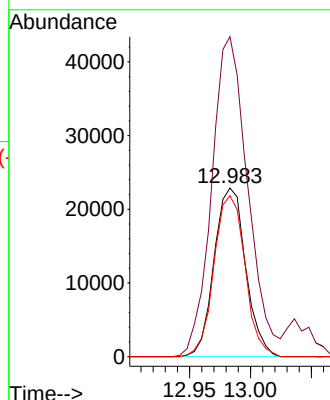
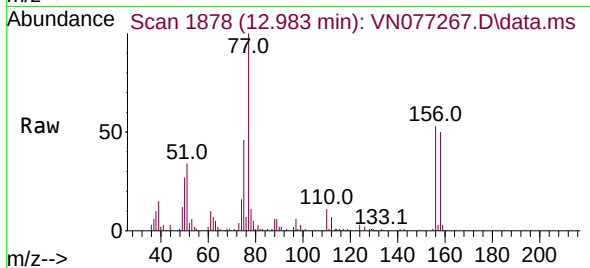
Tgt Ion:	156	Resp:	4125
Ion Ratio	Lower	Upper	
156	100		
77	216.6	0.0	423.0
158	93.9	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#74

n-propylbenzene

Concen: 5.000 ug/l

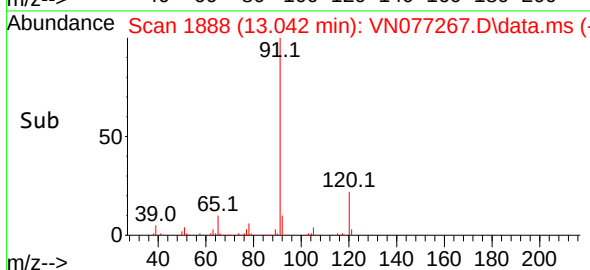
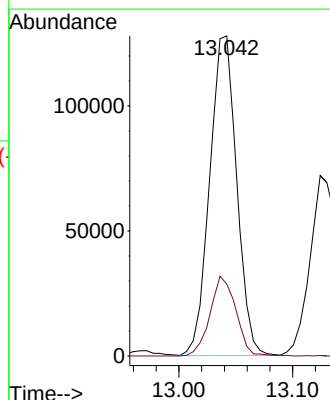
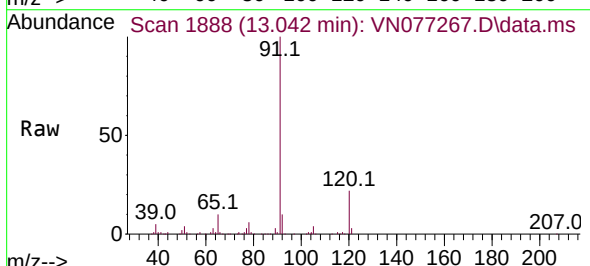
RT: 13.042 min Scan# 1888

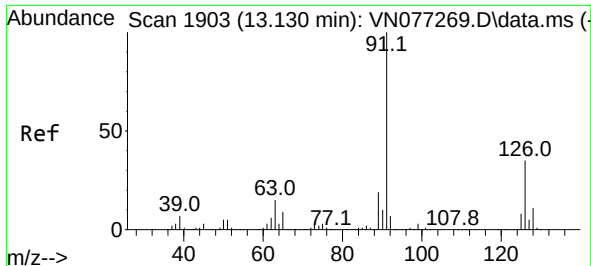
Delta R.T. 0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion:	91	Resp:	211718
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	44.0





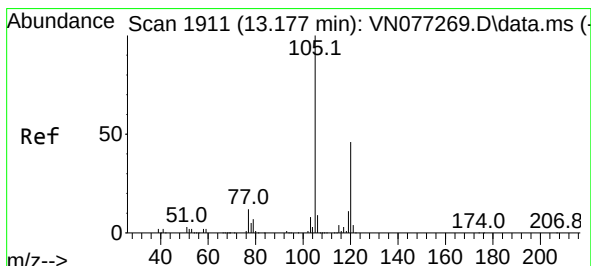
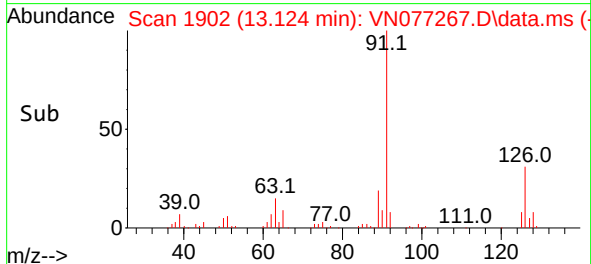
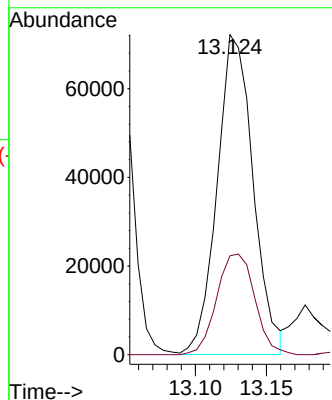
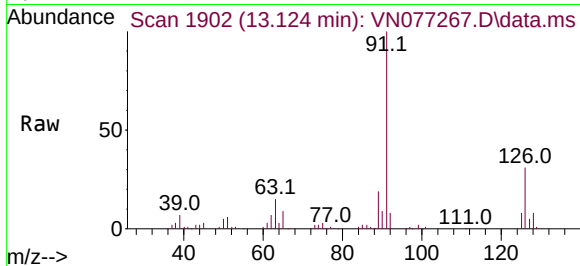
#75
2-Chlorotoluene
Concen: 4.857 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 127168
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.4

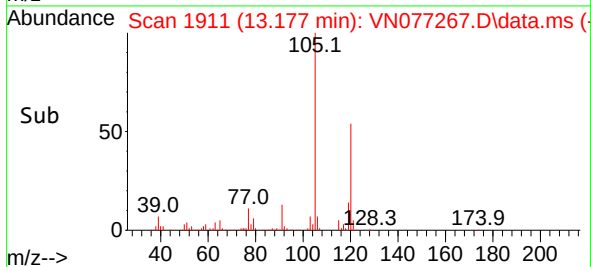
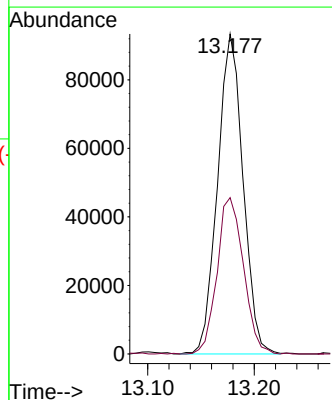
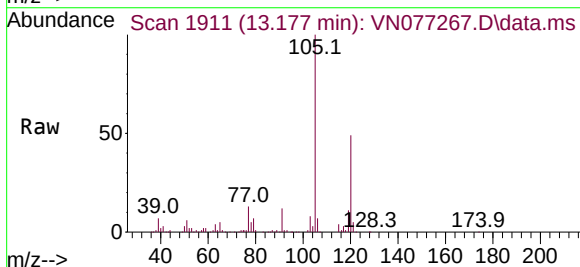
Manual Integrations
APPROVED

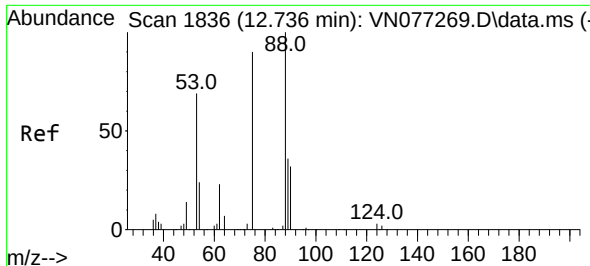
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.994 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

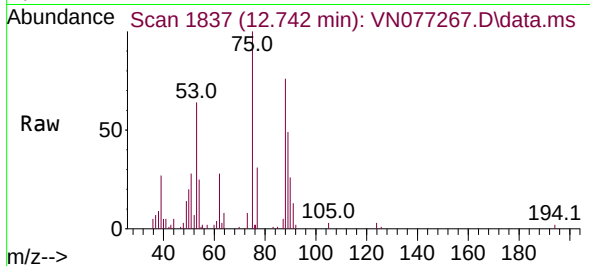
Tgt Ion:105 Resp: 155054
Ion Ratio Lower Upper
105 100
120 50.6 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 7.117 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

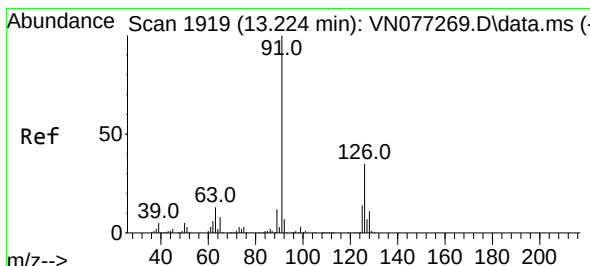
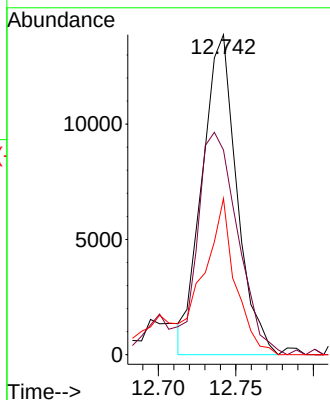
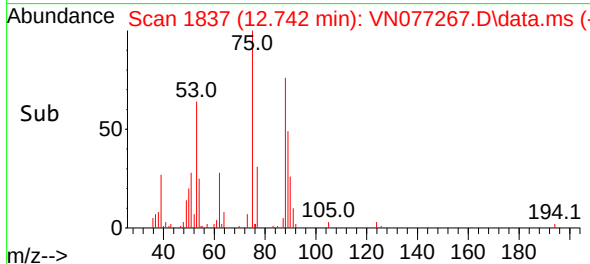
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 21558
Ion Ratio Lower Upper
75 100
53 62.4 50.4 151.3
89 48.8 22.1 66.5

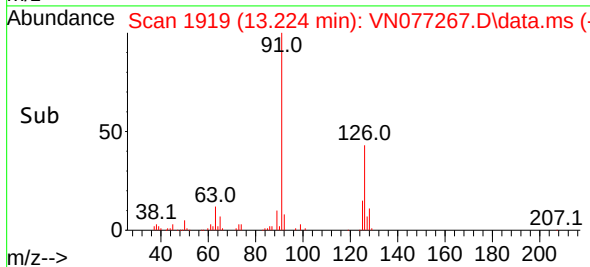
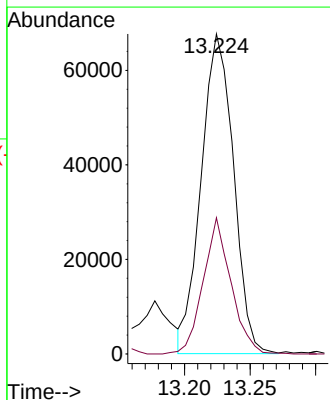
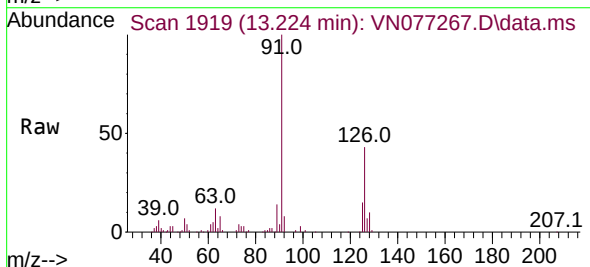
Manual Integrations
APPROVED

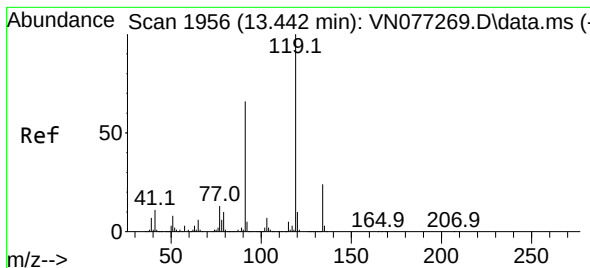
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 4.586 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion: 91 Resp: 115759
Ion Ratio Lower Upper
91 100
126 36.8 0.0 70.6





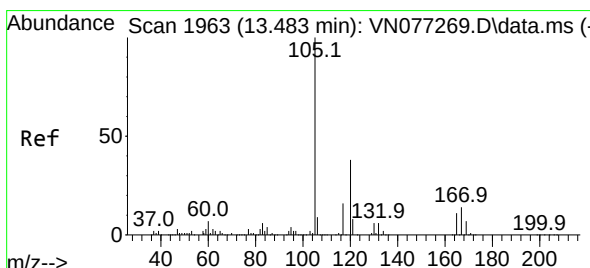
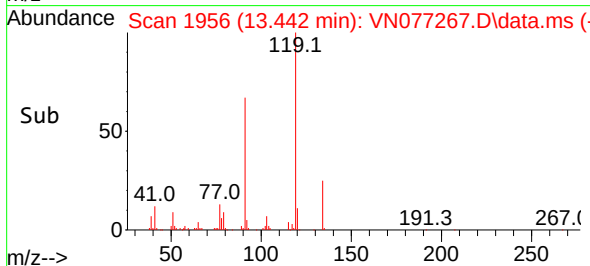
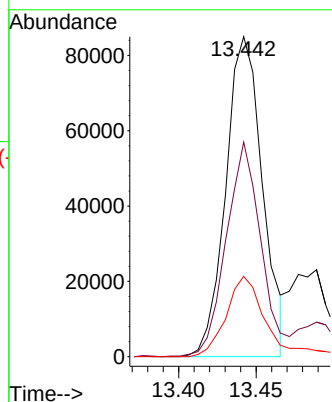
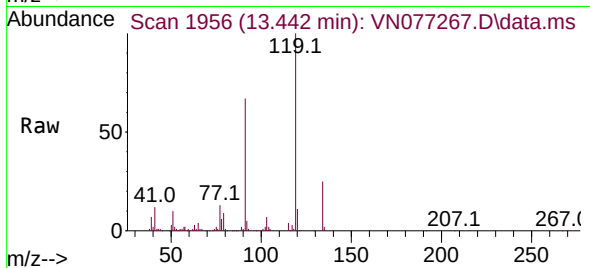
#79
tert-butylbenzene
Concen: 5.400 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 140200
Ion Ratio Lower Upper
119 100
91 63.7 0.0 129.6
134 25.0 0.0 47.8

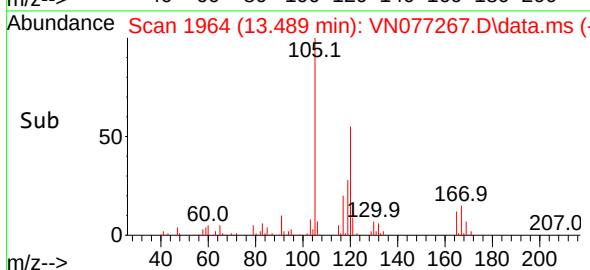
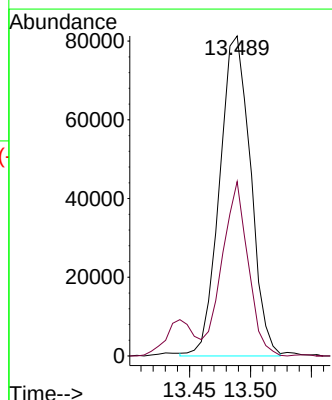
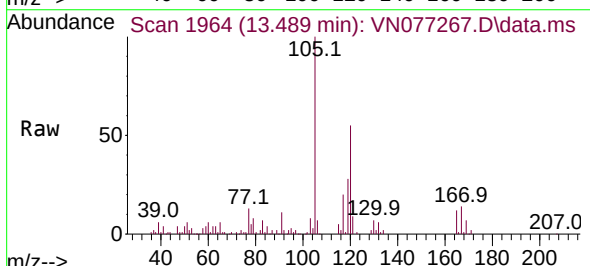
Manual Integrations
APPROVED

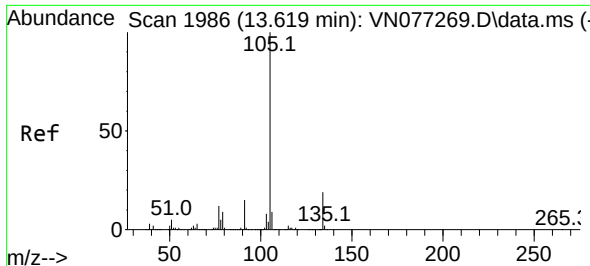
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.716 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

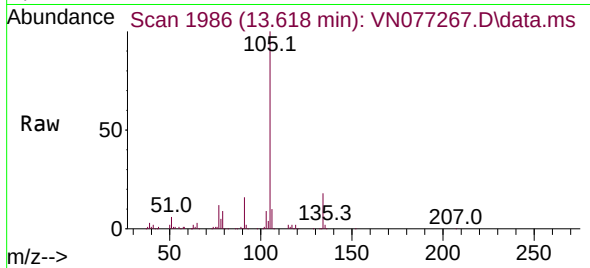
Tgt Ion:105 Resp: 143903
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 5.137 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077267.D
 Acq: 07 Apr 2023 09:34

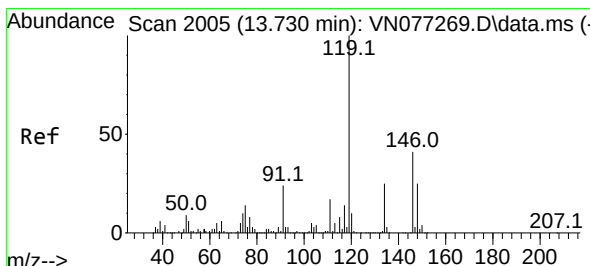
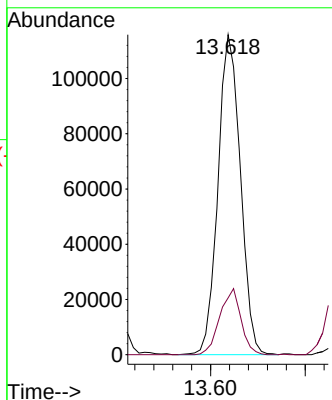
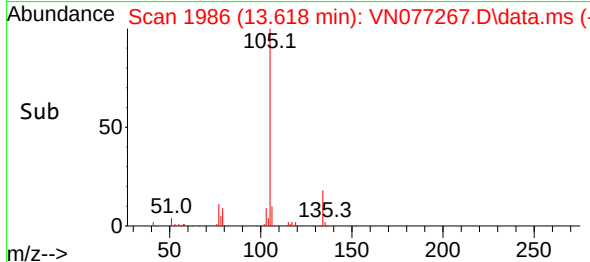
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



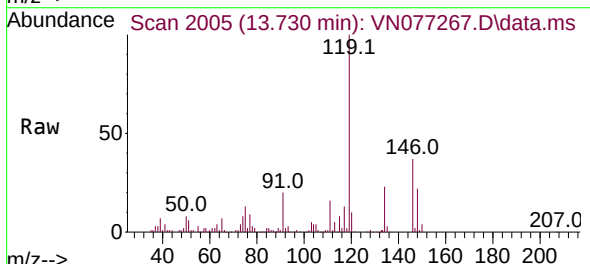
Tgt Ion:105 Resp: 190814
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
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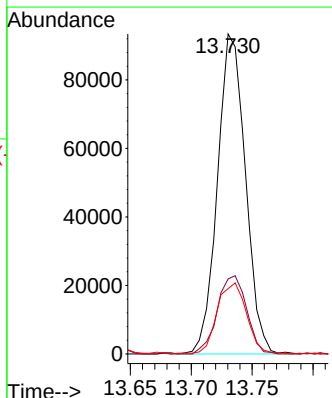
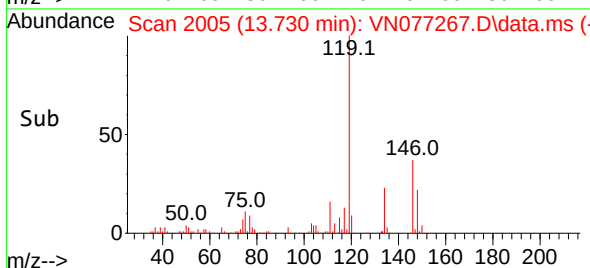
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

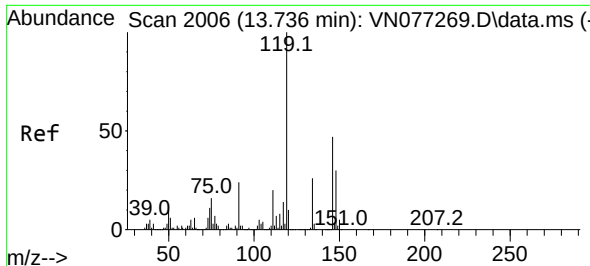


#82
 p-Isopropyltoluene
 Concen: 4.978 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077267.D
 Acq: 07 Apr 2023 09:34



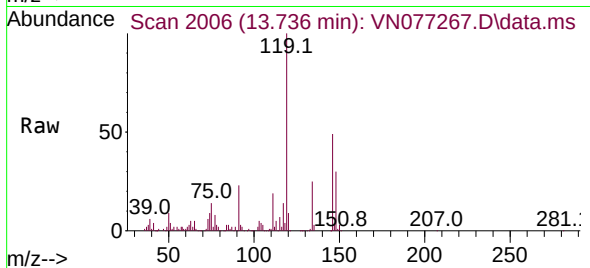
Tgt Ion:119 Resp: 149454
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 53.4
 91 23.3 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 4.787 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

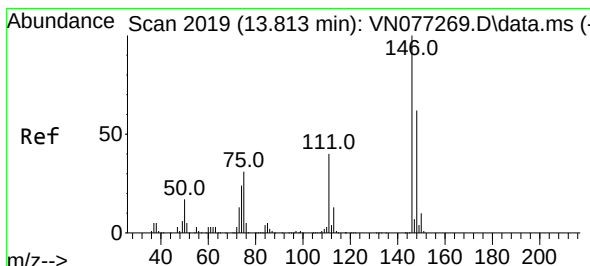
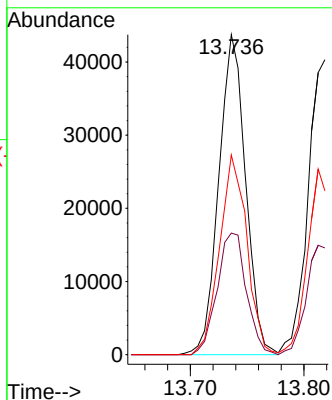
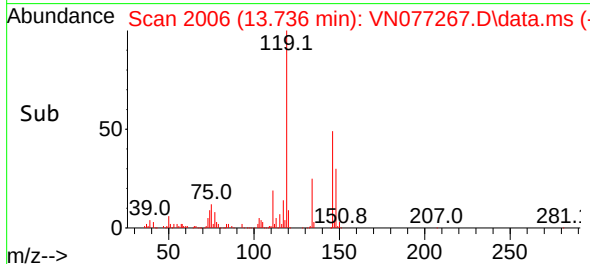
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 71704
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.8
148 63.6 31.9 95.5

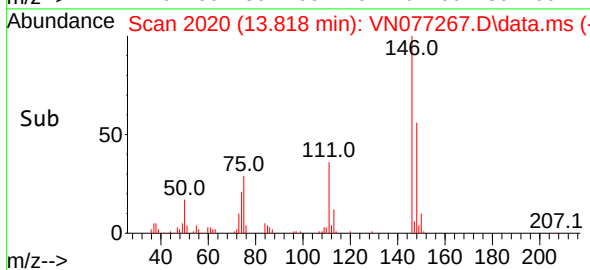
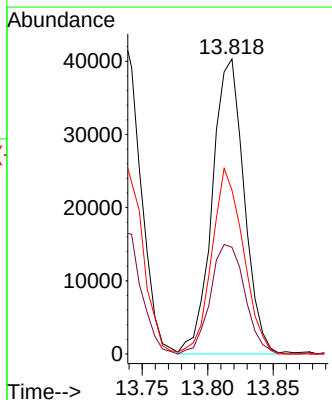
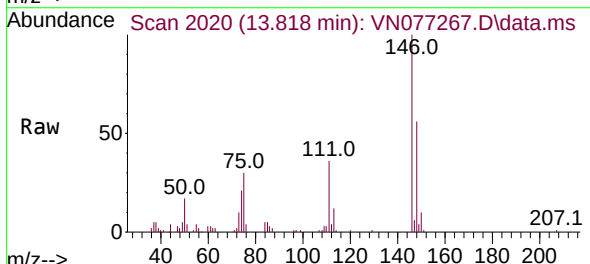
Manual Integrations
APPROVED

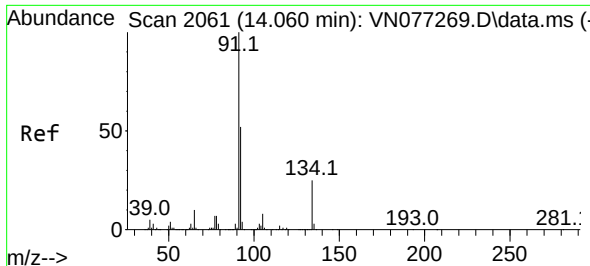
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#84
1,4-Dichlorobenzene
Concen: 4.679 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

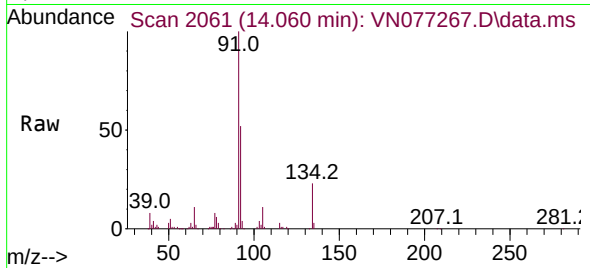
Tgt Ion:146 Resp: 68070
Ion Ratio Lower Upper
146 100
111 40.2 18.2 54.6
148 62.2 31.1 93.2





#85
n-Butylbenzene
Concen: 4.798 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

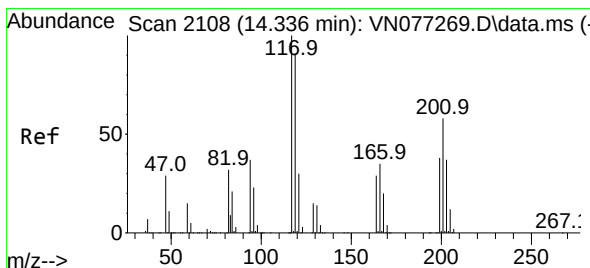
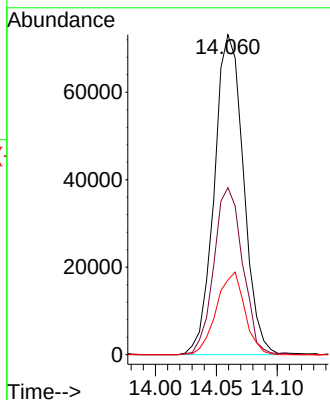
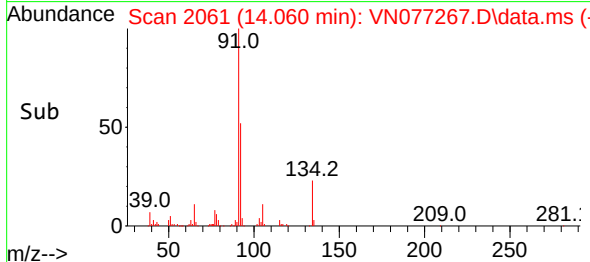
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 122092
Ion Ratio Lower Upper
91 100
92 51.6 0.0 103.2
134 24.9 0.0 50.0

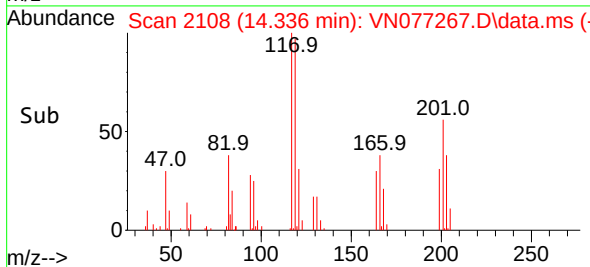
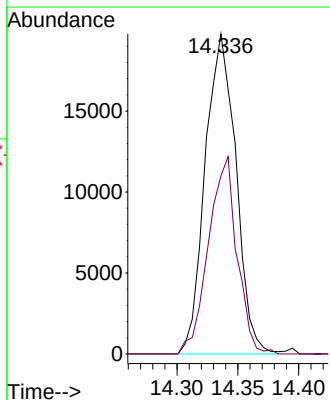
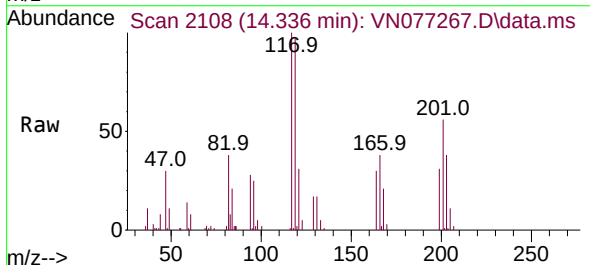
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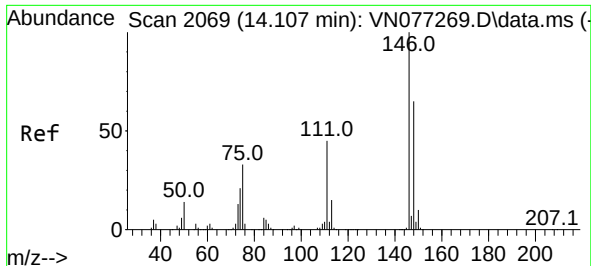
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 6.484 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion:117 Resp: 34760
Ion Ratio Lower Upper
117 100
201 56.9 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 4.584 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

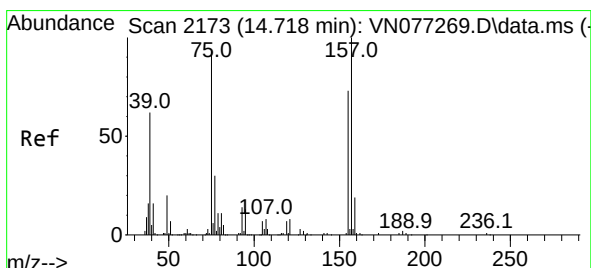
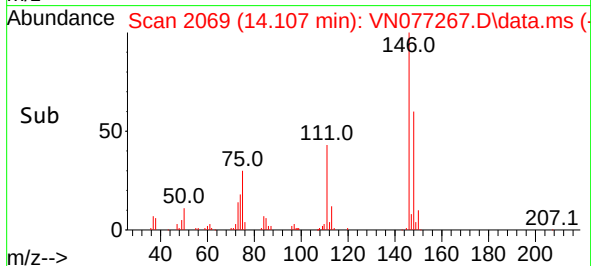
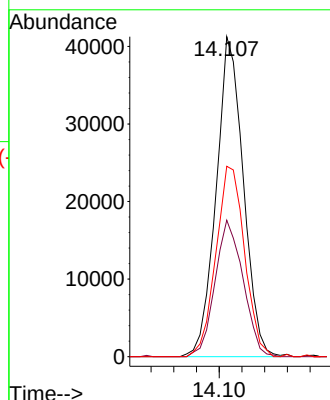
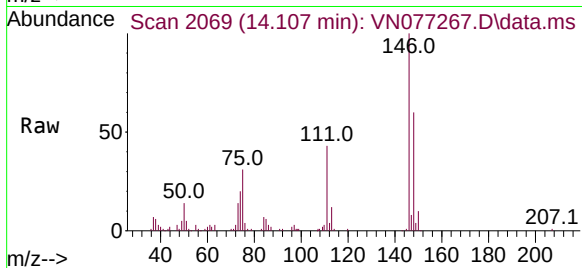
Tgt Ion:146 Resp: 68460
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.5 61.6
 148 62.8 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.599 ug/l

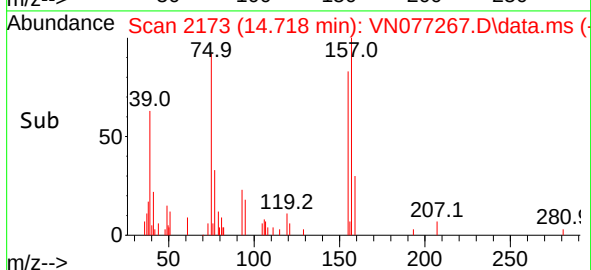
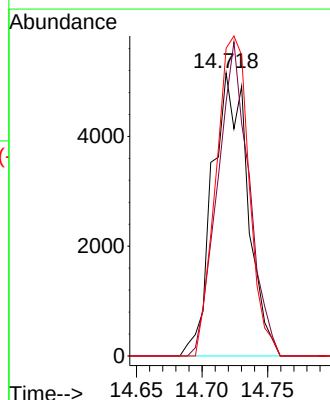
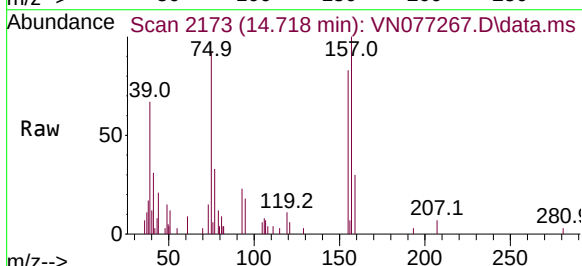
RT: 14.718 min Scan# 2173

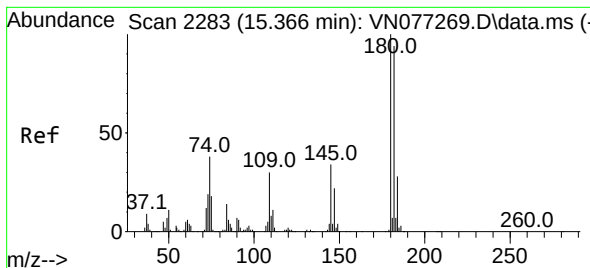
Delta R.T. -0.006 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion: 75 Resp: 9688
 Ion Ratio Lower Upper
 75 100
 155 98.6 62.5 93.7#
 157 105.6 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 2.269 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.030 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

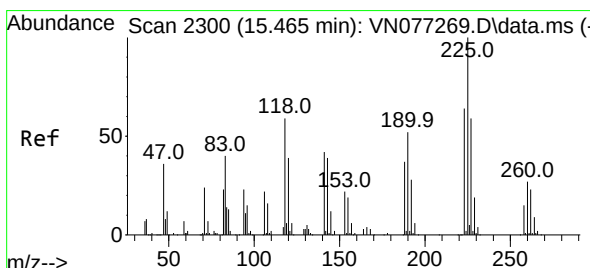
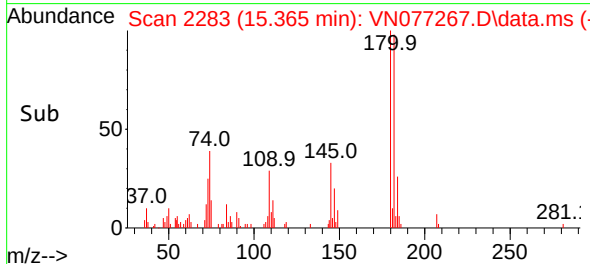
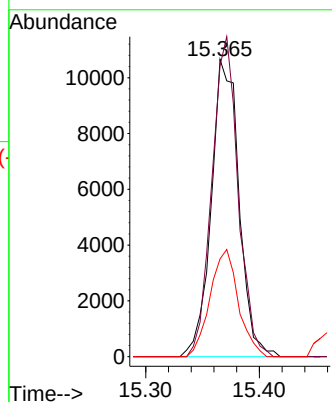
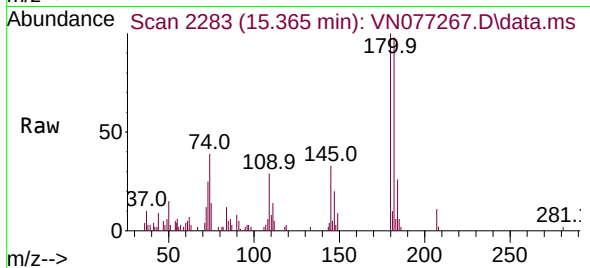
Tgt Ion:180	Resp:	18080
Ion Ratio	Lower	Upper
180	100	
182	101.7	76.6 115.0
145	36.7	24.6 36.8

Manual Integrations

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Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 3.724 ug/l

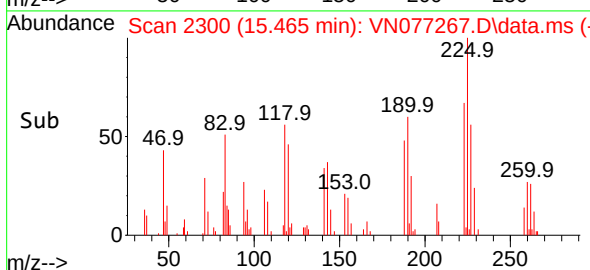
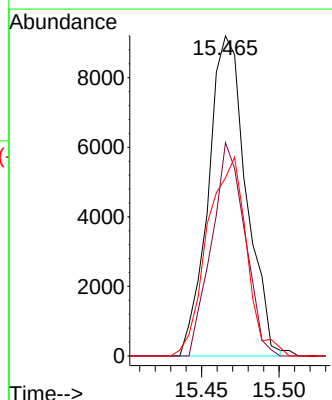
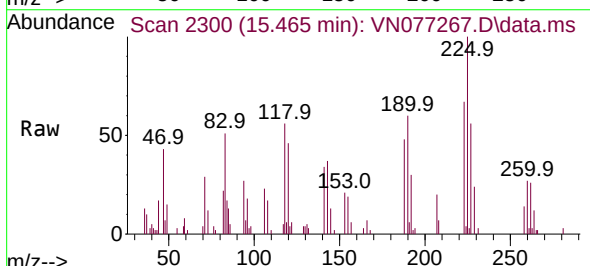
RT: 15.465 min Scan# 2300

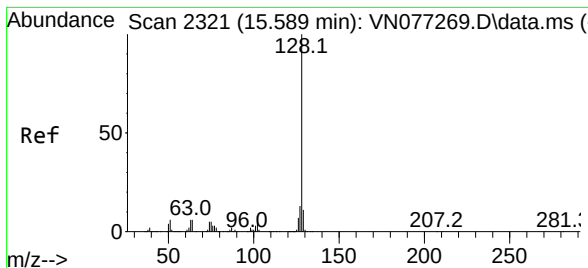
Delta R.T. -0.036 min

Lab File: VN077267.D

Acq: 07 Apr 2023 09:34

Tgt Ion:225	Resp:	15644
Ion Ratio	Lower	Upper
225	100	
223	58.4	0.0 135.4
227	64.3	0.0 129.4





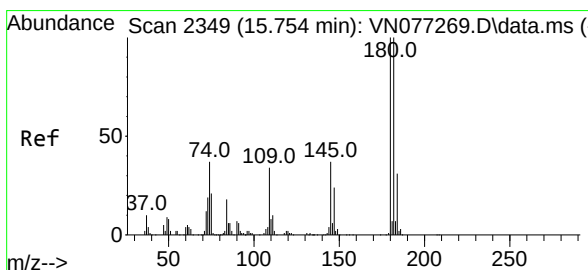
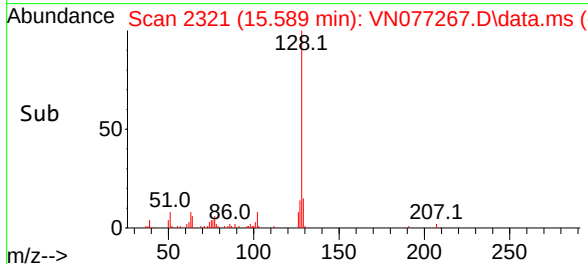
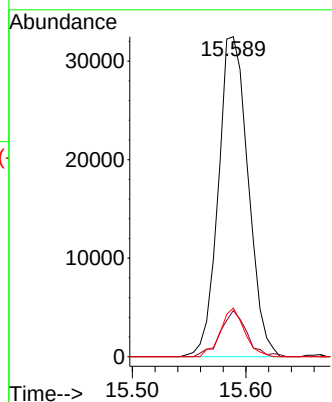
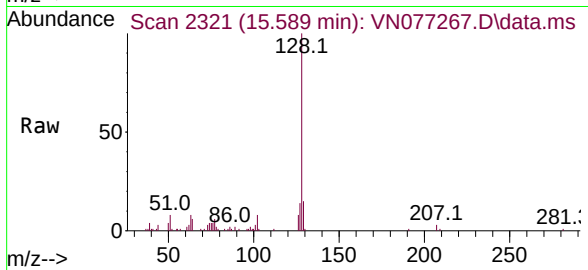
#91
Naphthalene
Concen: 2.344 ug/l
RT: 15.589 min Scan# 2154
Delta R.T. -0.053 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 5924
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.6
129 12.3 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.265 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. -0.083 min
Lab File: VN077267.D
Acq: 07 Apr 2023 09:34

Tgt Ion:180 Resp: 18092
Ion Ratio Lower Upper
180 100
182 91.9 0.0 190.8
145 35.3 0.0 65.0

