

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077270.D
 Acq On : 07 Apr 2023 10:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 07 11:22:10 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	7.825	128	59410	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	433554	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	494897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	152230	27.877	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.933%		
60) 4-Bromofluorobenzene	12.848	95	275054	29.365	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.900%		
63) Toluene-d8	10.572	98	512191	29.425	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.067%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	591188	77.762	ug/l	99
3) Chloromethane	2.372	50	696995	100.306	ug/l	97
4) Vinyl Chloride	2.519	62	1035417	163.404	ug/l	94
5) Bromomethane	2.931	94	676843m	167.032	ug/l	
6) Chloroethane	3.113	64	684214	183.759	ug/l	96
7) Trichlorofluoromethane	3.496	101	972586	82.162	ug/l	97
8) Diethyl Ether	3.966	74	427028	96.193	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.372	101	616701	91.961	ug/l	98
10) 1,1-Dichloroethene	4.343	96	620266	95.293	ug/l	84
11) Methyl Iodide	4.595	142	807646	102.976	ug/l	91
12) Methyl Acetate	5.031	43	970782m	90.678	ug/l	
13) Acrolein	4.184	56	591997	374.043	ug/l	100
14) Acrylonitrile	5.725	53	1676204	475.290	ug/l	99
15) Acetone	4.431	58	543146	565.900	ug/l	74
16) Carbon Disulfide	4.719	76	1642953	91.031	ug/l	96
17) Allyl chloride	5.031	41	838380m	85.875	ug/l	
18) Methylene Chloride	5.284	84	724458	95.154	ug/l #	79
19) trans-1,2-Dichloroethene	5.789	96	697923	101.758	ug/l	88
20) Diisopropyl ether	6.678	45	1986953	90.216	ug/l #	86
21) 1,1-Dichloroethane	6.572	63	1263503	96.402	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	861894	109.656	ug/l	88
23) tert-Butyl Alcohol	5.531	59	691253	674.890	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	2325628m	109.587	ug/l	
25) Chloroform	7.972	83	1344915	99.891	ug/l	99
26) Cyclohexane	8.260	56	1079429	90.204	ug/l #	77
29) 1,1-Dichloropropene	8.378	75	1015520	99.444	ug/l	97
30) 2-Butanone	7.484	43	2262517	485.619	ug/l #	85
31) 2,2-Dichloropropane	7.495	77	1241973	122.754	ug/l #	60
32) 1,1,1-Trichloroethane	8.172	97	1218076	102.262	ug/l	94
33) Carbon Tetrachloride	8.366	117	1057955	100.449	ug/l	97
34) Benzene	8.613	78	3049745	97.414	ug/l	96
35) Methacrylonitrile	7.783	41	446929	85.251	ug/l	80
36) 1,2-Dichloroethane	8.672	62	970580	92.492	ug/l	96
37) Trichloroethene	9.354	130	748418	96.993	ug/l	98
38) Methylcyclohexane	9.601	83	1361496	107.112	ug/l	91
39) 1,2-Dichloropropane	9.625	63	759234	94.387	ug/l	95
40) Dibromomethane	9.713	93	551881	107.693	ug/l	96
41) Bromodichloromethane	9.889	83	1095634	104.324	ug/l	99
42) Vinyl Acetate	6.613	43	6920123	476.493	ug/l #	88

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 VSTDICC100

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

Quant Time: Apr 07 11:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	896726	95.386	ug/l	96
44) Isopropyl Acetate	8.689	43	1559057	102.304	ug/l	90
45) 1,4-Dioxane	9.701	88	319163	2489.509	ug/l #	88
46) Methyl methacrylate	9.683	41	663030	89.340	ug/l	76
47) n-amyl Acetate	12.495	43	1458143	117.573	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	1285643	122.220	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	1346624	112.712	ug/l #	87
50) 1,1,2-Trichloroethane	11.019	97	801657	106.781	ug/l	96
51) Ethyl methacrylate	10.877	69	1291834	116.721	ug/l	81
52) 1,3-Dichloropropane	11.166	76	1343212	103.586	ug/l	99
53) Dibromochloromethane	11.360	129	875199	114.272	ug/l	99
54) 1,2-Dibromoethane	11.471	107	821648	113.414	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	2244792	578.482	ug/l	96
56) Bromoform	12.583	173	602886	117.661	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	4684519	468.566	ug/l #	83
59) 2-Hexanone	11.195	43	3555051	500.568	ug/l #	86
61) Tetrachloroethene	11.107	164	586761	75.104	ug/l #	88
62) Toluene	10.630	91	3554901	104.245	ug/l	100
64) Chlorobenzene	11.895	112	2173169	108.261	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	793603	105.259	ug/l	95
66) Ethyl Benzene	11.966	91	4054701	109.516	ug/l	96
67) m/p-Xylenes	12.071	106	3152596	224.794	ug/l	99
68) o-Xylene	12.401	106	1577564	115.217	ug/l	98
69) Styrene	12.413	104	2623700	118.149	ug/l	99
70) Isopropylbenzene	12.701	105	4069991	114.243	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	1227477	114.273	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	709869m	72.041	ug/l	
73) Bromobenzene	12.983	156	822627	102.324	ug/l	91
74) n-propylbenzene	13.042	91	4732344	112.537	ug/l	99
75) 2-Chlorotoluene	13.130	91	2729567	104.961	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	3404205	110.399	ug/l	95
77) t-1,4-Dichloro-2-butene	12.742	75	461378	153.386	ug/l	83
78) 4-Chlorotoluene	13.224	91	2690349	107.320	ug/l	96
79) tert-butylbenzene	13.442	119	2877068	111.573	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	3397639	112.121	ug/l	96
81) sec-Butylbenzene	13.618	105	4288114	116.228	ug/l	99
82) p-Isopropyltoluene	13.730	119	3503891	117.508	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	1641133	110.328	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	1610654	111.471	ug/l	96
85) n-Butylbenzene	14.060	91	3127041	123.722	ug/l	98
86) Hexachloroethane	14.336	117	708070	132.996	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	1603221	108.080	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	248525	118.789	ug/l	92
89) 1,2,4-Trichlorobenzene	15.371	180	786093	99.343	ug/l	98
90) Hexachlorobutadiene	15.465	225	336799	80.735	ug/l	96
91) Naphthalene	15.589	128	2980010	118.737	ug/l	98
92) 1,2,3-Trichlorobenzene	15.754	180	747686	94.254	ug/l	98

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

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Instrument :

MSVOA_N

Client Sample Id :

VSTDICC100

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/10/2023

Supervised By : Semsettin Yesilyurt 04/10/2023

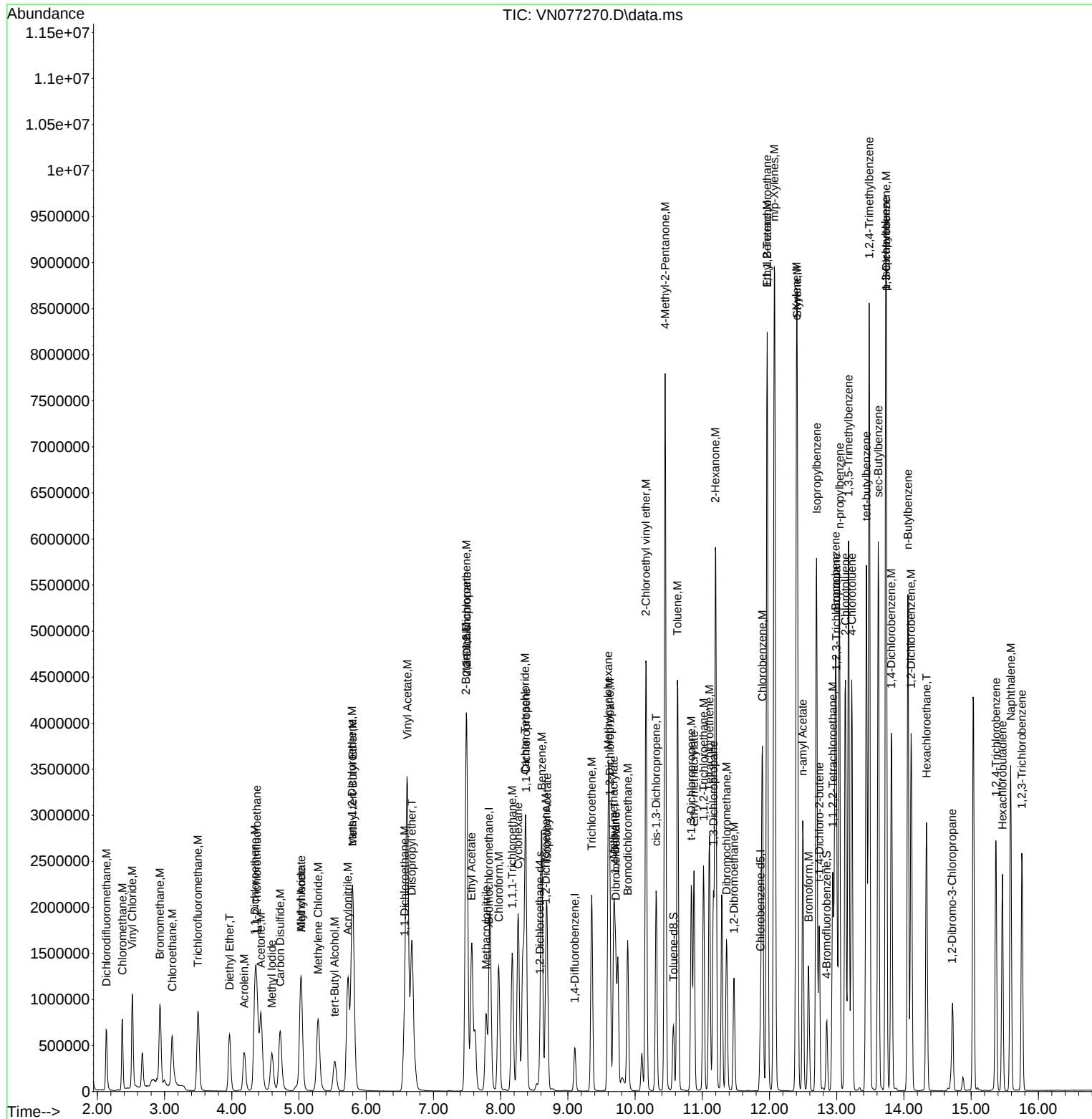
Quant Time: Apr 07 11:22:10 2023

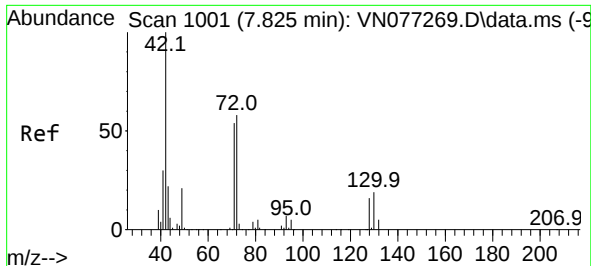
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Apr 07 10:13:15 2023

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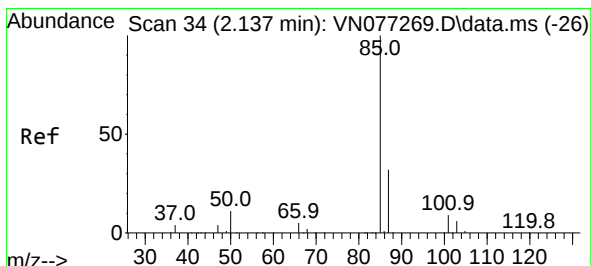
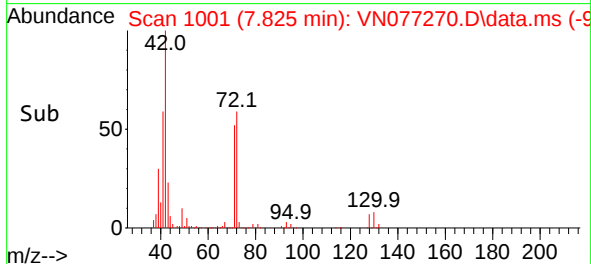
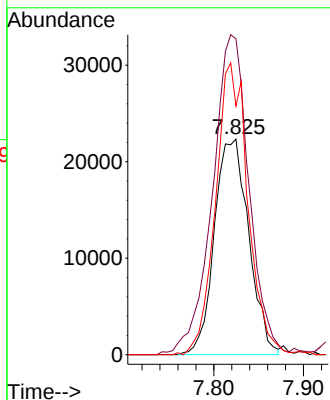
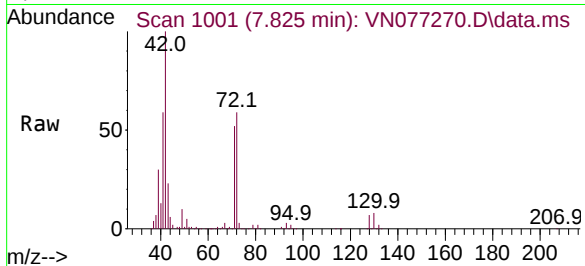
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 59410
Ion Ratio Lower Upper
128 100
49 154.9 0.0 461.8
130 127.1 0.0 295.3

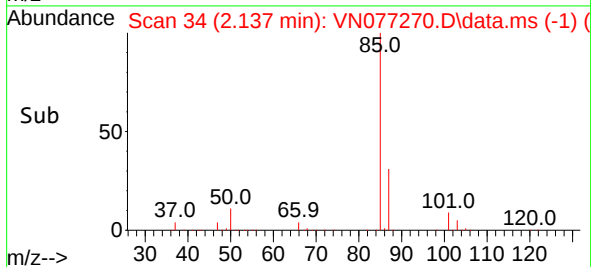
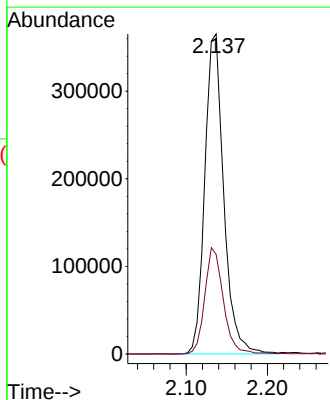
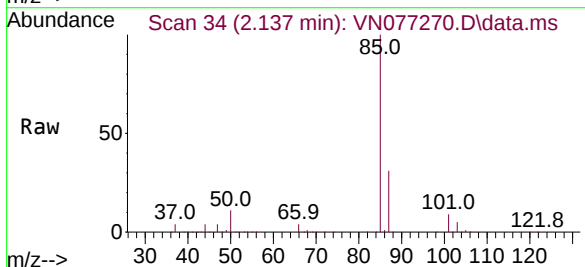
Manual Integrations
APPROVED

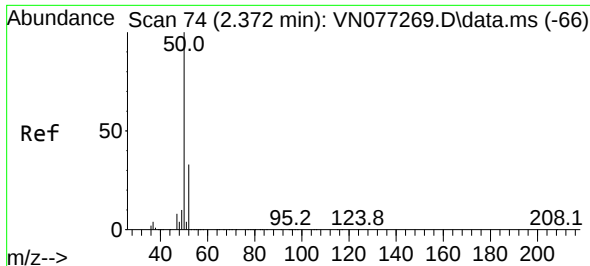
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 77.762 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

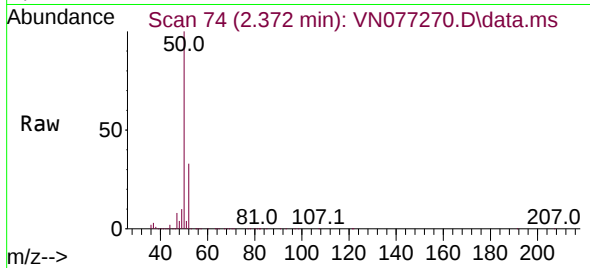
Tgt Ion: 85 Resp: 591188
Ion Ratio Lower Upper
85 100
87 31.2 15.4 46.1





#3
Chloromethane
Concen: 100.306 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

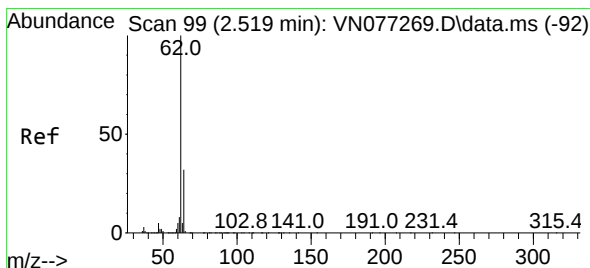
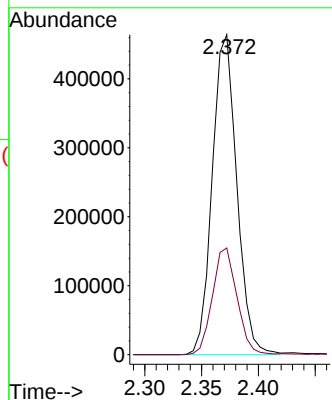
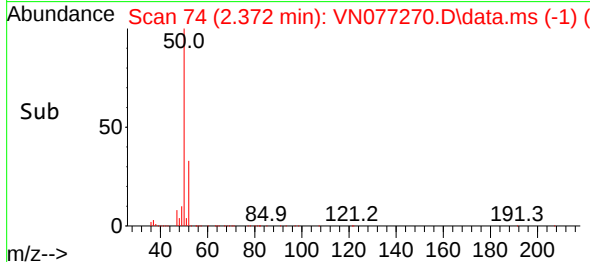
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



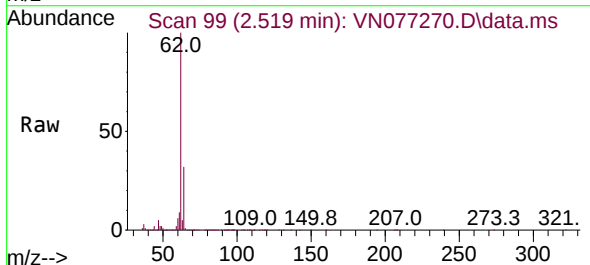
Tgt Ion: 50 Resp: 696999
Ion Ratio Lower Upper
50 100
52 33.3 25.3 37.9

Manual Integrations
APPROVED

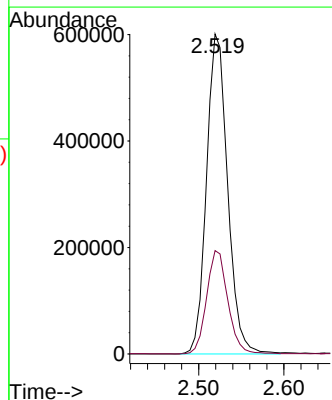
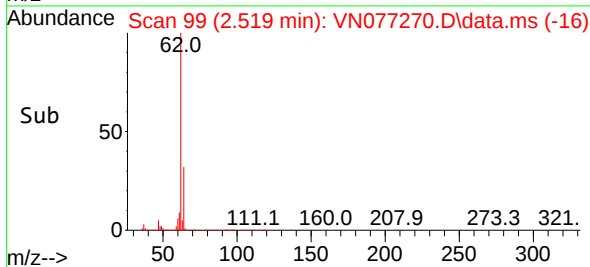
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

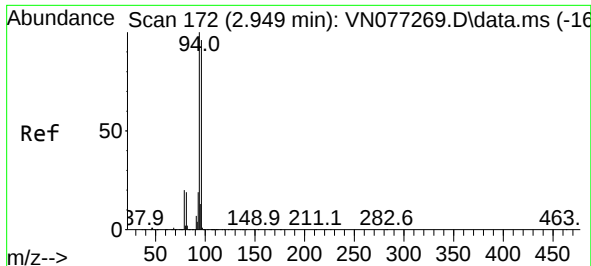


#4
Vinyl Chloride
Concen: 163.404 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.012 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



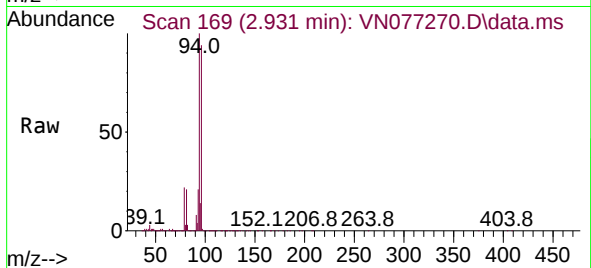
Tgt Ion: 62 Resp: 1035417
Ion Ratio Lower Upper
62 100
64 32.2 23.1 34.7





#5
Bromomethane
Concen: 167.032 ug/l m
RT: 2.931 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

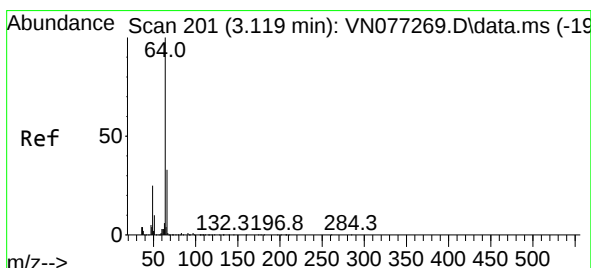
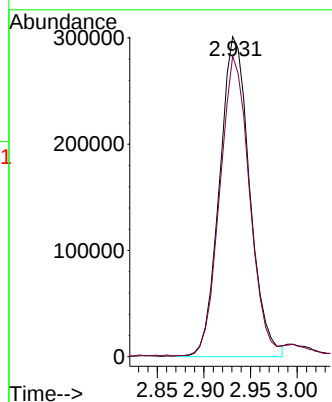
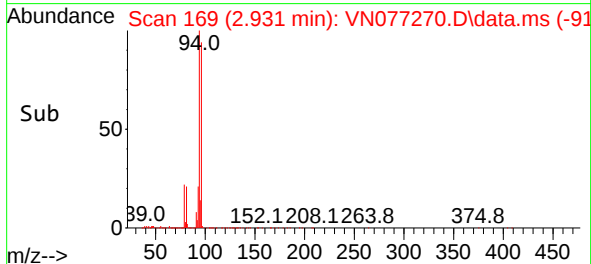
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 67684
Ion Ratio Lower Upper
94 100
96 94.0 68.6 103.0

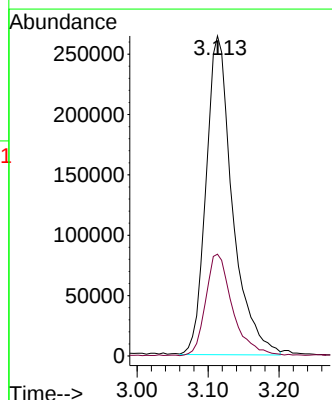
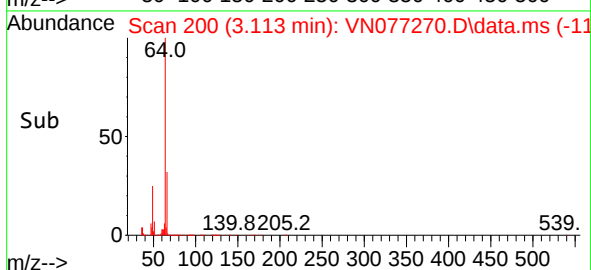
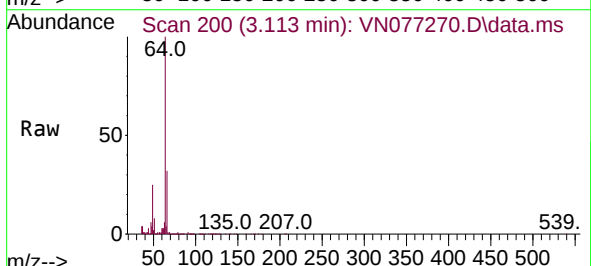
Manual Integrations
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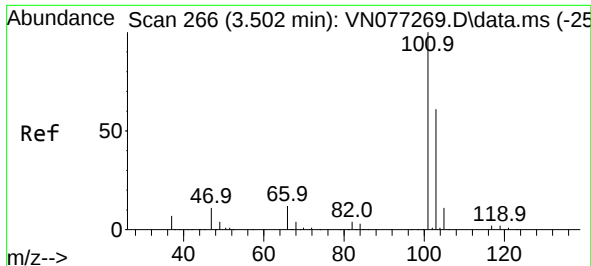
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#6
Chloroethane
Concen: 183.759 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.024 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 64 Resp: 684214
Ion Ratio Lower Upper
64 100
66 31.9 23.8 35.6





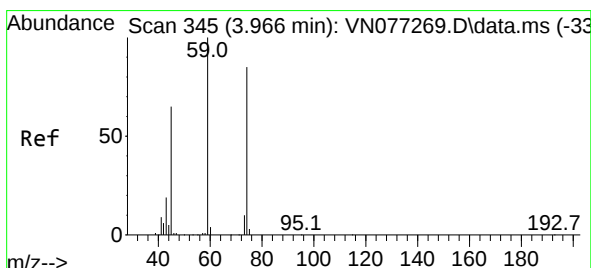
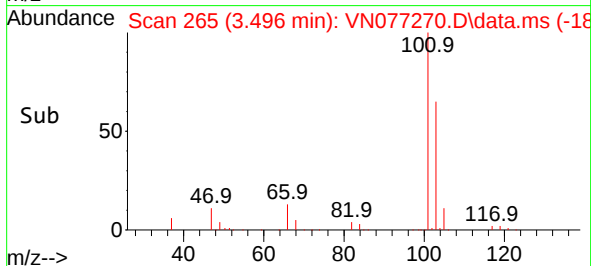
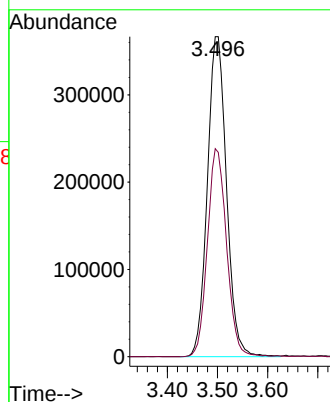
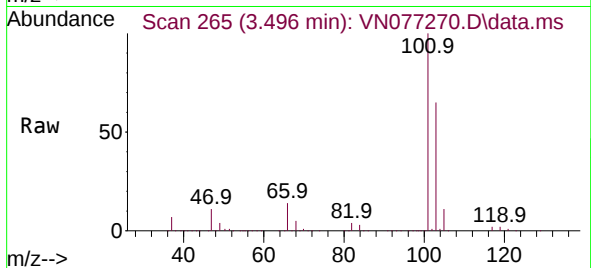
#7
Trichlorofluoromethane
Concen: 82.162 ug/l
RT: 3.496 min Scan# 266
Delta R.T. -0.017 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 972580
Ion Ratio Lower Upper
101 100
103 65.0 50.2 75.2

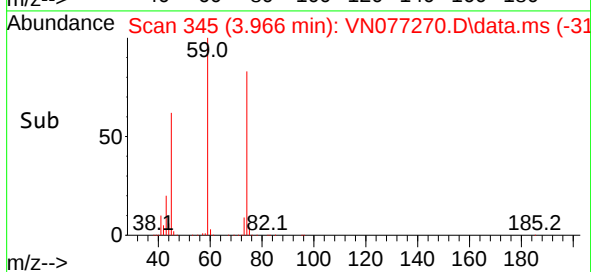
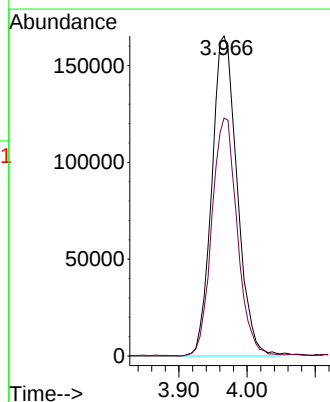
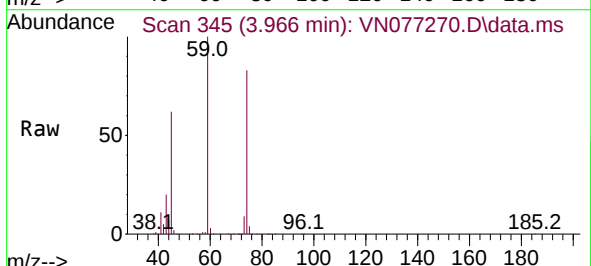
Manual Integrations
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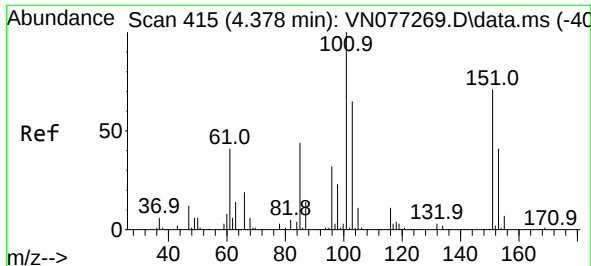
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 96.193 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

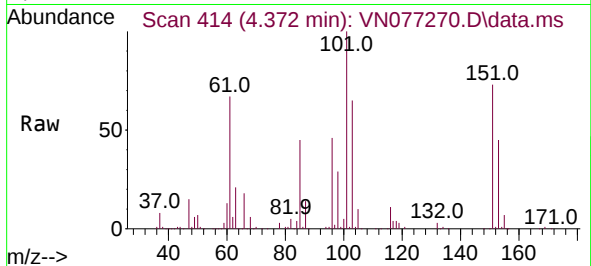
Tgt Ion: 74 Resp: 427028
Ion Ratio Lower Upper
74 100
45 74.6 21.4 193.0





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 91.961 ug/l
 RT: 4.372 min Scan# 415
 Delta R.T. -0.018 min
 Lab File: VN077270.D
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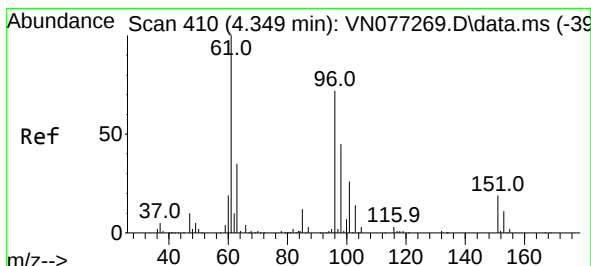
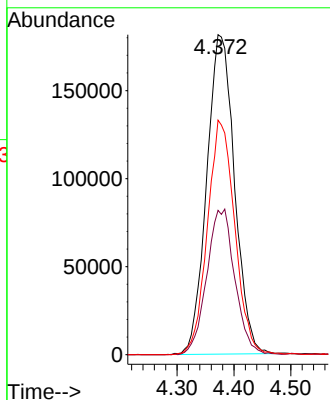
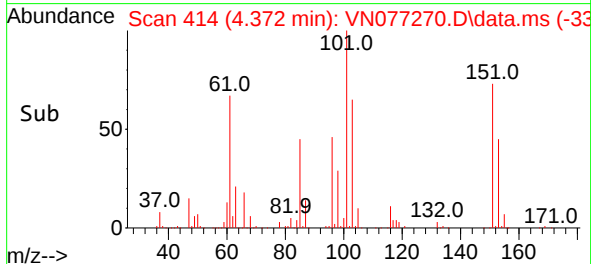
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



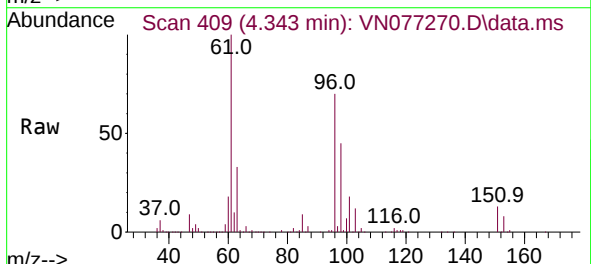
Tgt Ion: 101 Resp: 61670
 Ion Ratio Lower Upper
 101 100
 85 45.9 0.0 95.2
 151 72.3 0.0 142.2

Manual Integrations
 APPROVED

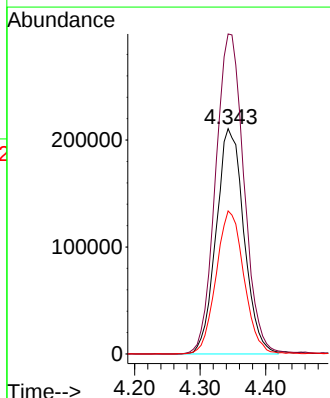
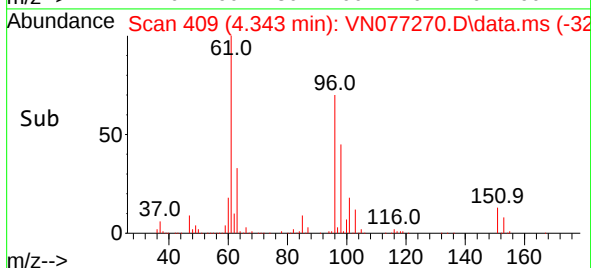
Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

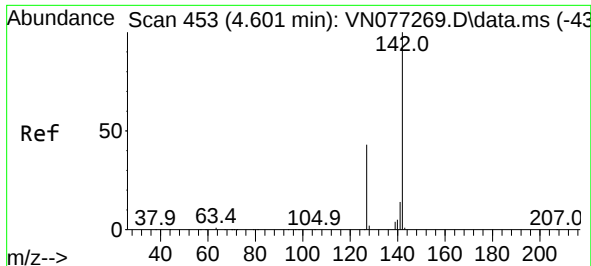


#10
 1,1-Dichloroethene
 Concen: 95.293 ug/l
 RT: 4.343 min Scan# 409
 Delta R.T. -0.011 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46



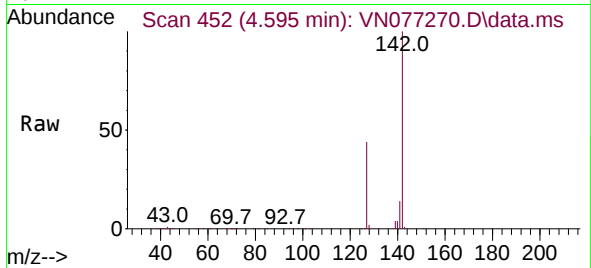
Tgt Ion: 96 Resp: 620266
 Ion Ratio Lower Upper
 96 100
 61 142.0 137.1 205.7
 98 63.4 53.2 79.8





#11
Methyl Iodide
Concen: 102.976 ug/l
RT: 4.595 min Scan# 453
Delta R.T. -0.012 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

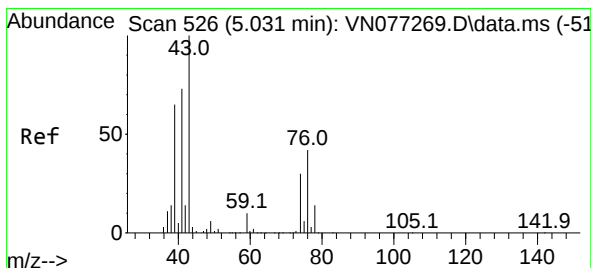
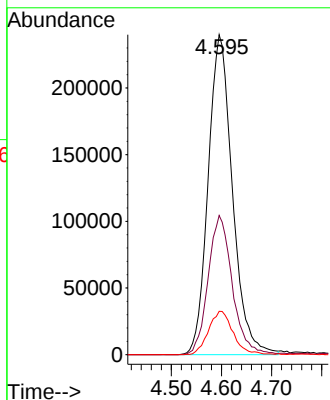
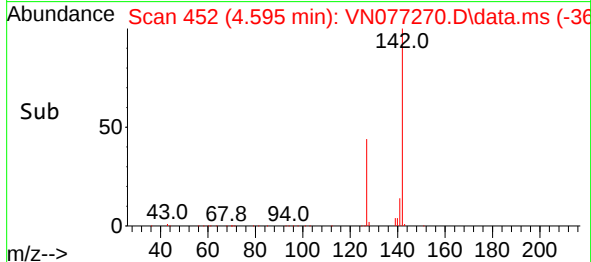
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 807640
Ion Ratio Lower Upper
142 100
127 43.6 25.0 75.0
141 13.4 8.0 24.0

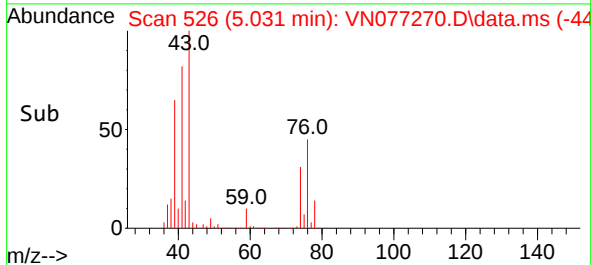
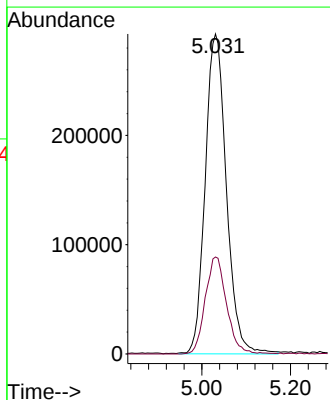
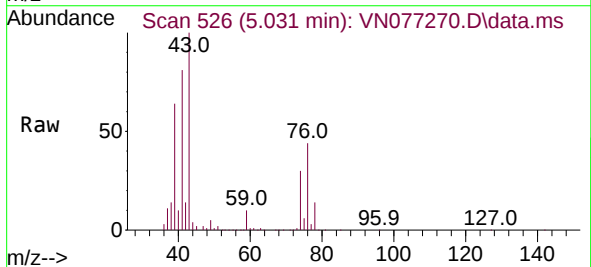
Manual Integrations
APPROVED

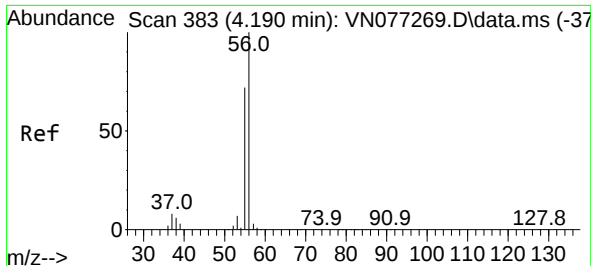
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 90.678 ug/l m
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

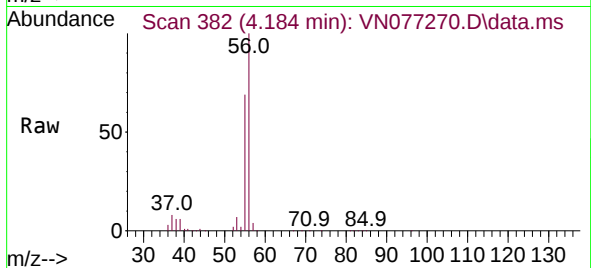
Tgt Ion: 43 Resp: 970782
Ion Ratio Lower Upper
43 100
74 30.3 19.0 28.4#





#13
Acrolein
Concen: 374.043 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

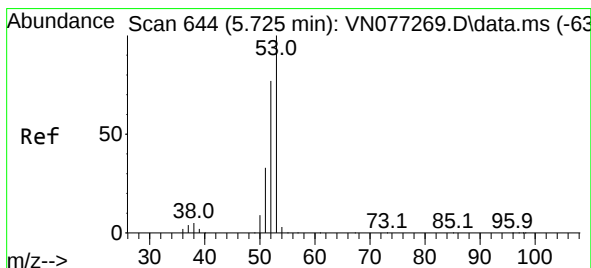
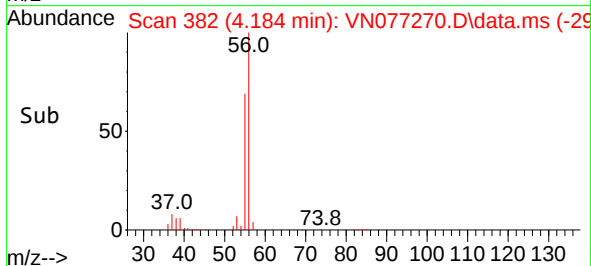
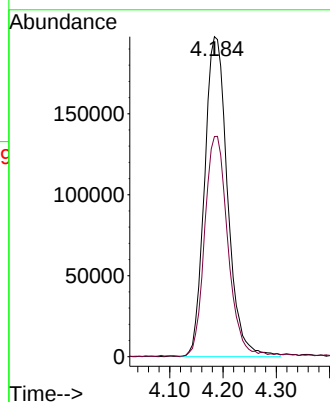
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 59199
Ion Ratio Lower Upper
56 100
55 68.6 55.0 82.4

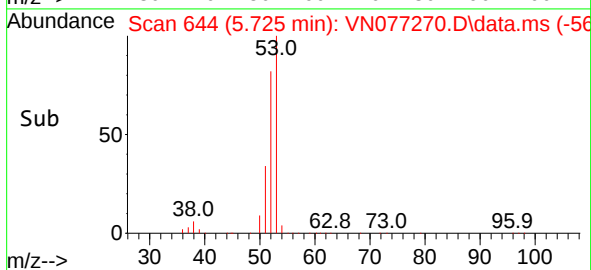
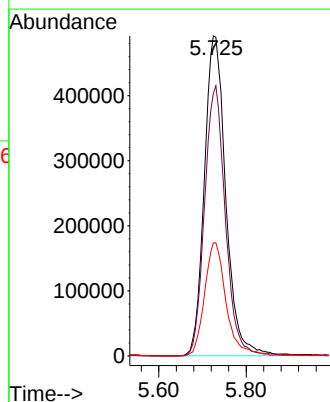
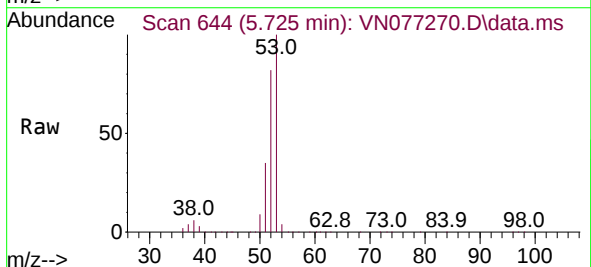
Manual Integrations
APPROVED

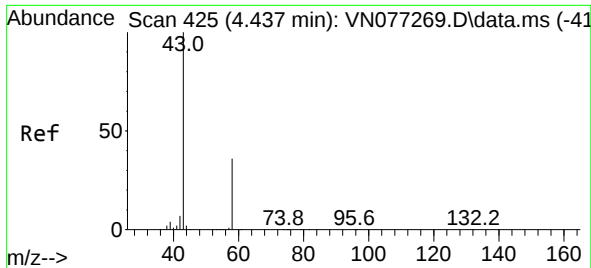
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 475.290 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 53 Resp: 1676204
Ion Ratio Lower Upper
53 100
52 81.5 41.5 124.6
51 34.8 17.6 52.8





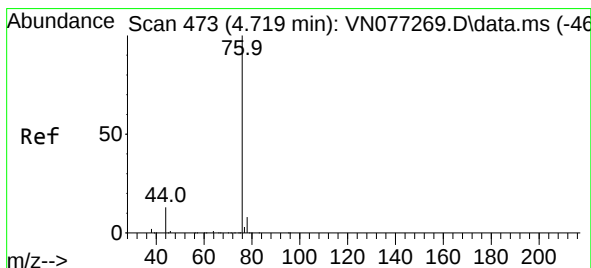
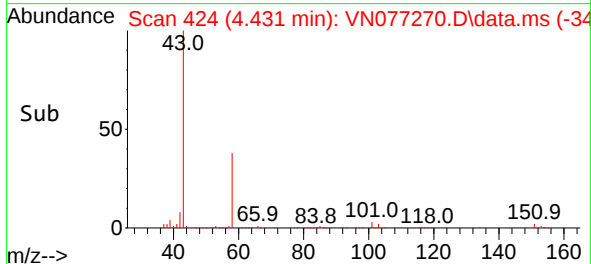
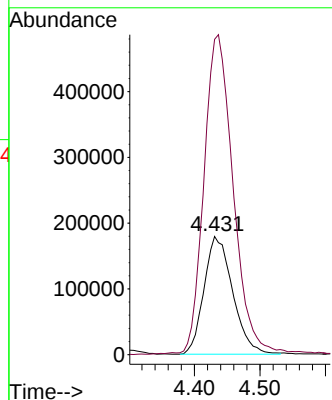
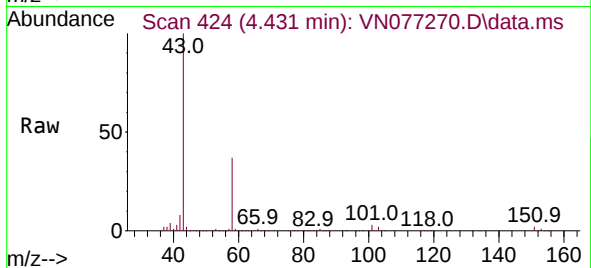
#15
Acetone
Concen: 565.900 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 58 Resp: 543140
Ion Ratio Lower Upper
58 100
43 266.3 255.4 383.0

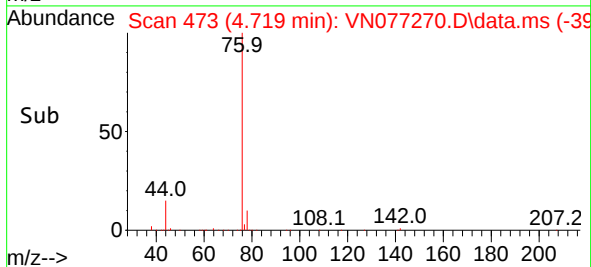
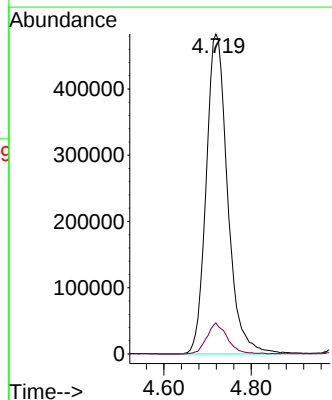
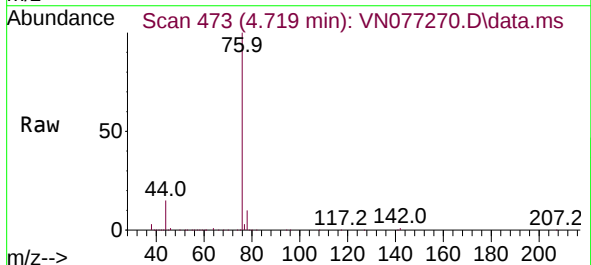
Manual Integrations
APPROVED

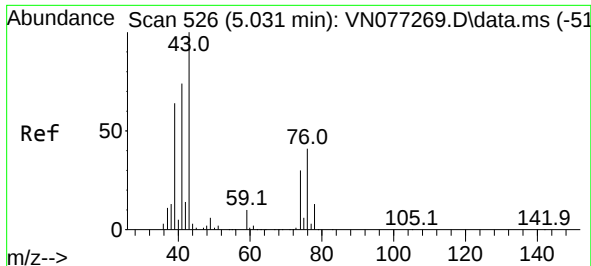
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#16
Carbon Disulfide
Concen: 91.031 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

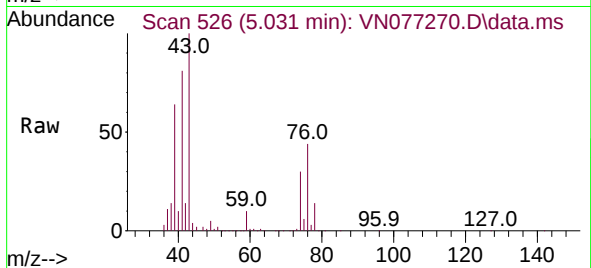
Tgt Ion: 76 Resp: 1642953
Ion Ratio Lower Upper
76 100
78 9.7 6.6 9.8





#17
Allyl chloride
Concen: 85.875 ug/l m
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

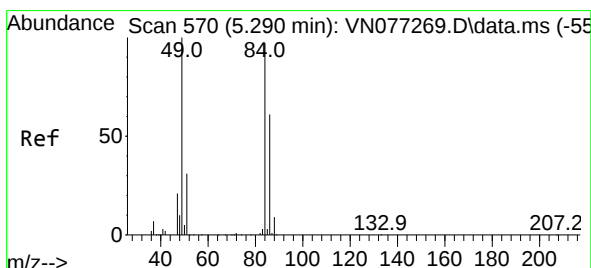
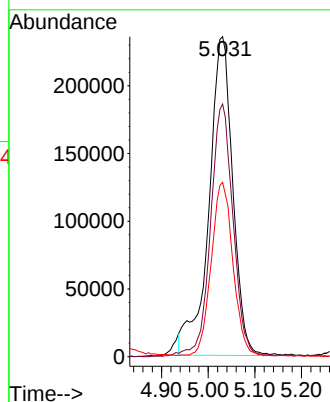
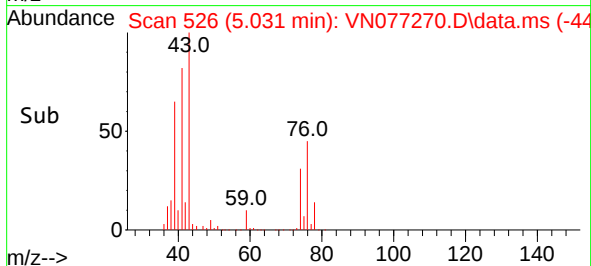
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 838380
Ion Ratio Lower Upper
41 100
39 79.0 34.8 104.3
76 54.5 17.5 52.5

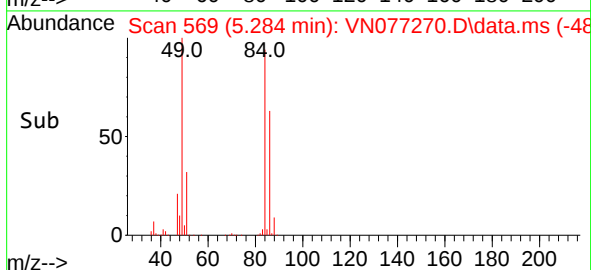
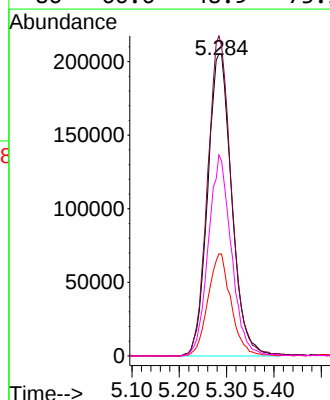
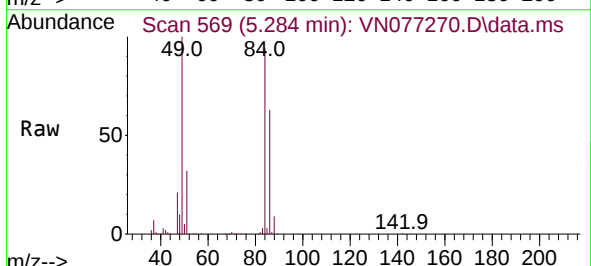
Manual Integrations
APPROVED

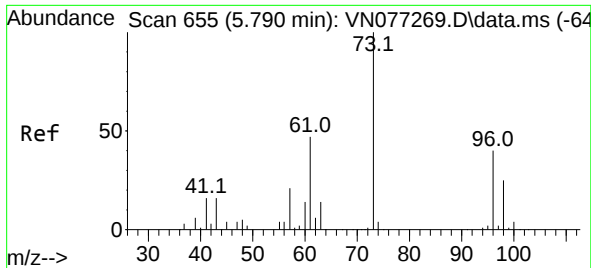
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#18
Methylene Chloride
Concen: 95.154 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.011 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

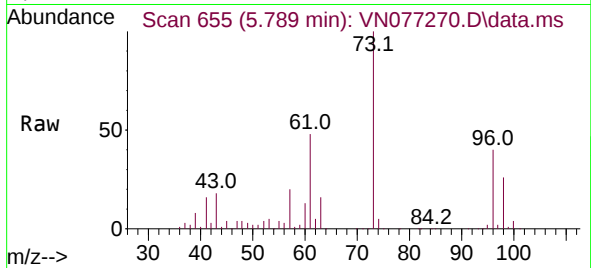
Tgt Ion: 84 Resp: 724458
Ion Ratio Lower Upper
84 100
49 105.9 113.8 170.6#
51 33.8 34.2 51.4#
86 66.6 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 101.758 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

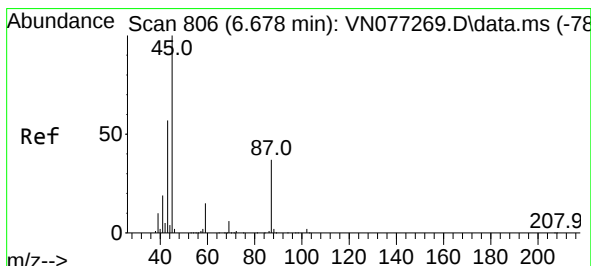
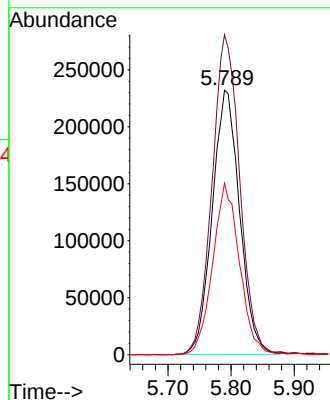
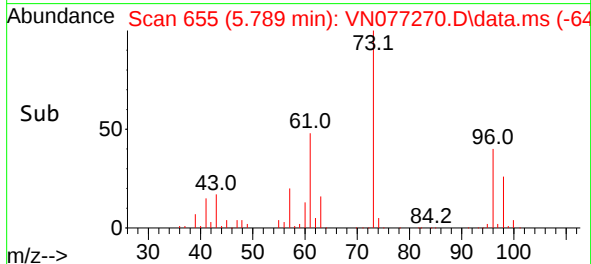
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



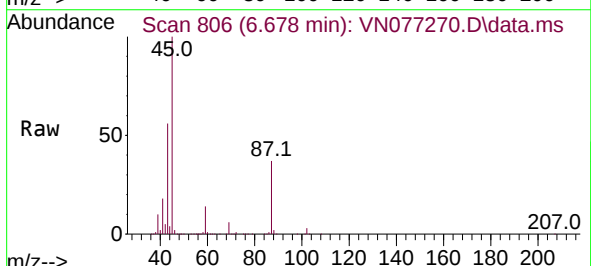
Tgt Ion: 96 Resp: 697923
Ion Ratio Lower Upper
96 100
61 121.0 111.0 166.4
98 64.6 55.0 82.6

Manual Integrations
APPROVED

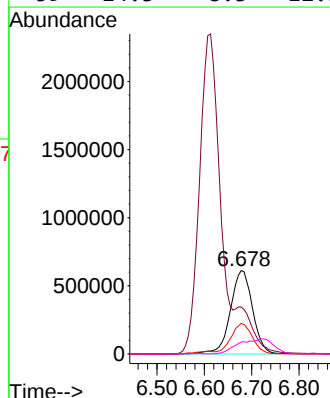
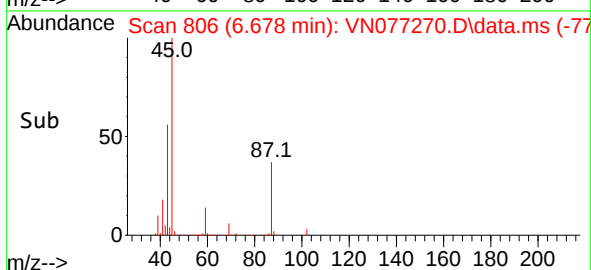
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

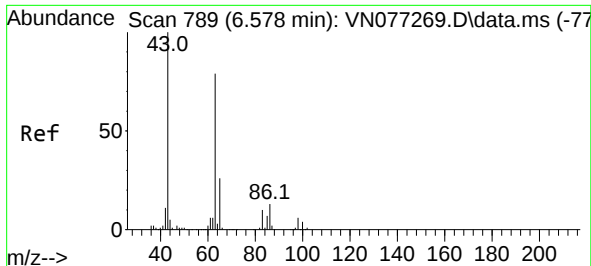


#20
Diisopropyl ether
Concen: 90.216 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.011 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion: 45 Resp: 1986953
Ion Ratio Lower Upper
45 100
43 54.8 38.6 58.0
87 36.4 20.1 30.1#
59 14.3 8.3 12.5#





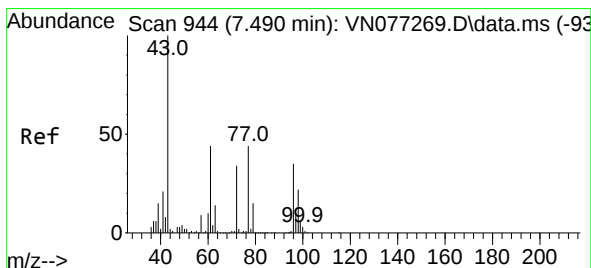
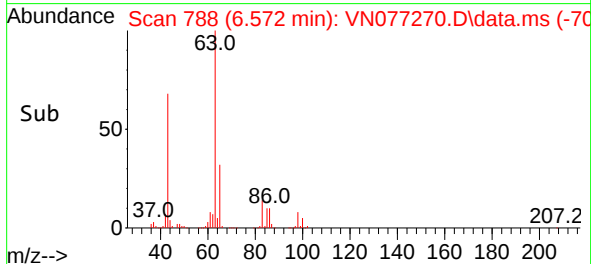
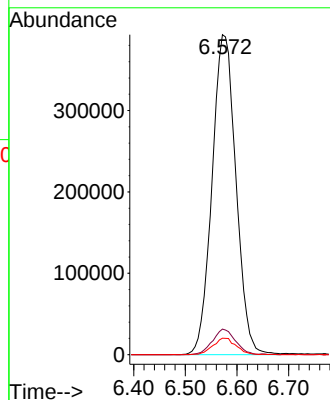
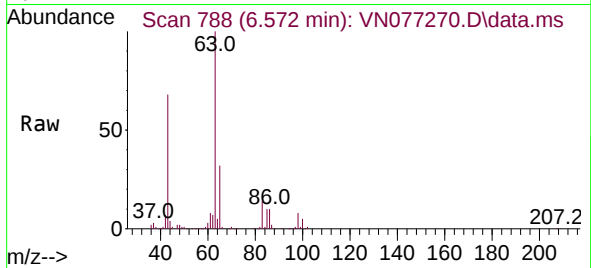
#21
1,1-Dichloroethane
Concen: 96.402 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 126350
Ion Ratio Lower Upper
63 100
98 8.0 3.6 10.9
100 5.2 2.6 7.8

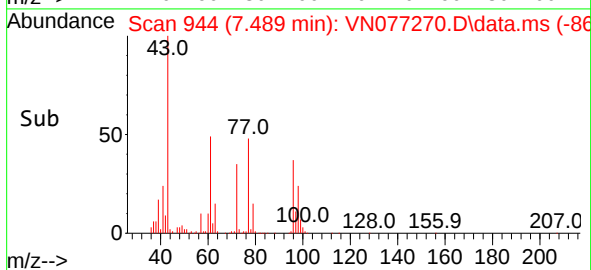
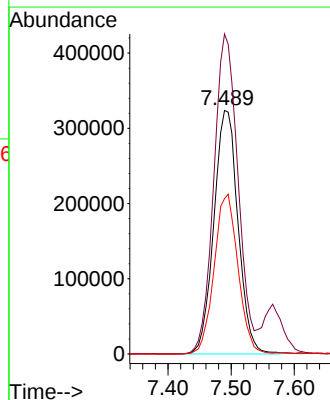
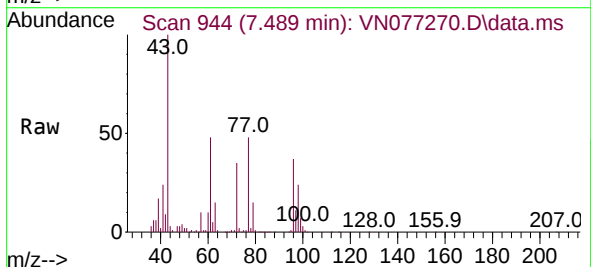
Manual Integrations
APPROVED

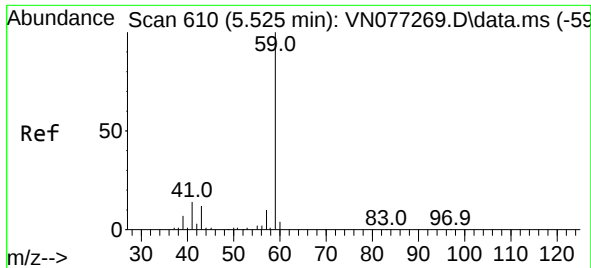
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 109.656 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

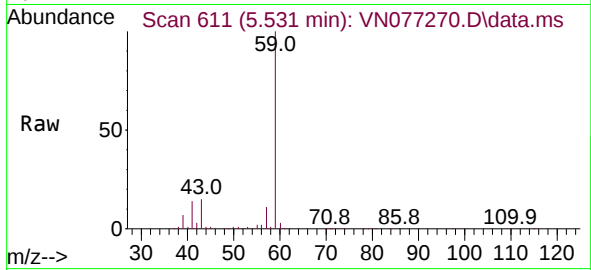
Tgt Ion: 96 Resp: 861894
Ion Ratio Lower Upper
96 100
61 130.7 121.0 181.4
98 64.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 674.890 ug/l
RT: 5.531 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

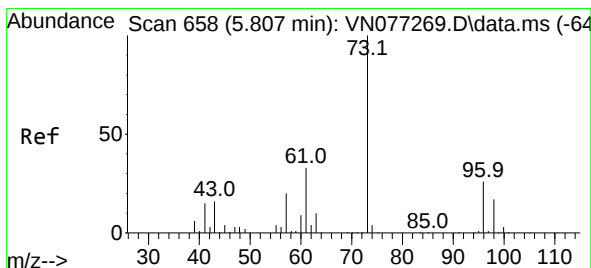
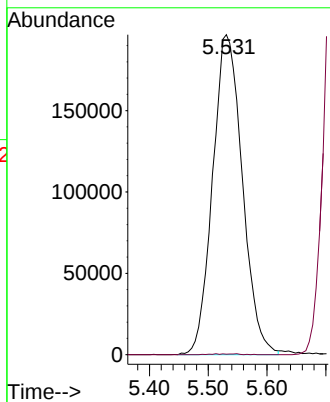
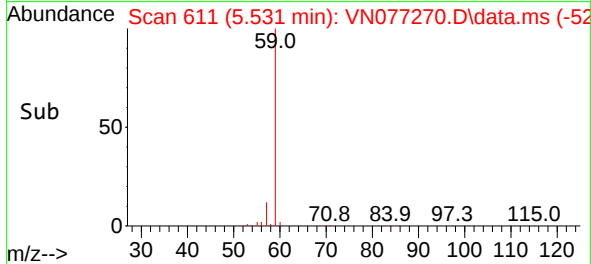
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



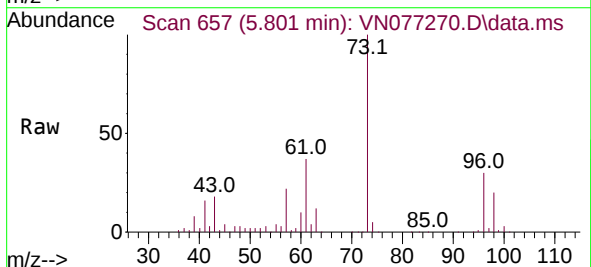
Tgt Ion: 59 Resp: 69125
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
APPROVED

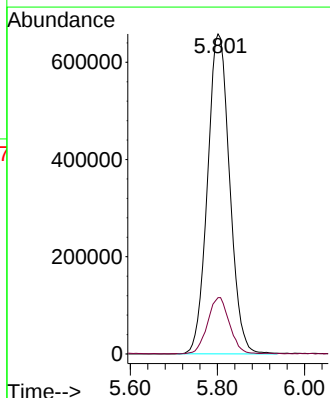
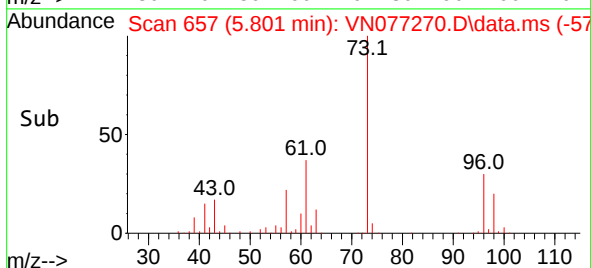
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

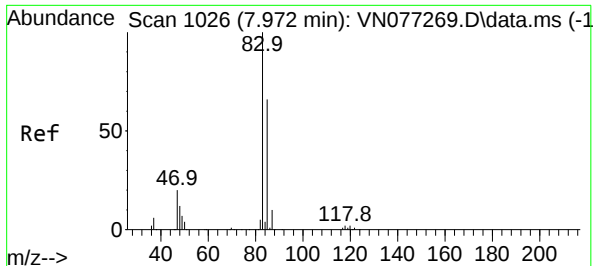


#24
Methyl tert-Butyl Ether
Concen: 109.587 ug/l m
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion: 73 Resp: 2325628
Ion Ratio Lower Upper
73 100
43 0.0 17.8 26.6





#25

Chloroform

Concen: 99.891 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 134491

Ion Ratio Lower Upper

83 100

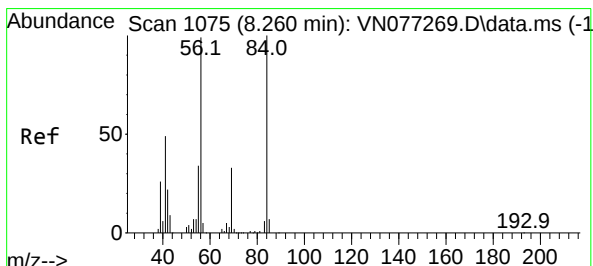
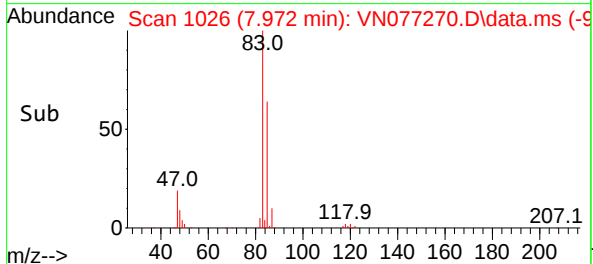
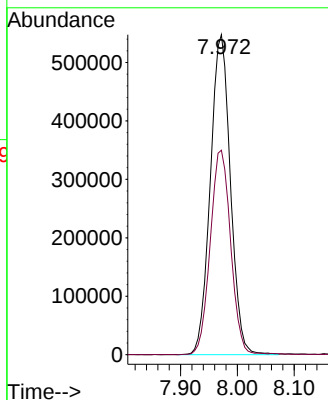
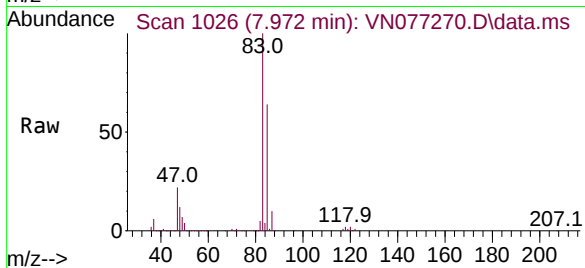
85 63.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 90.204 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

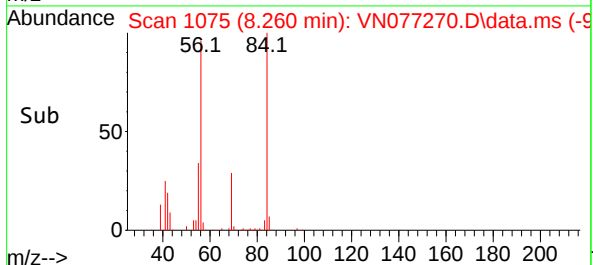
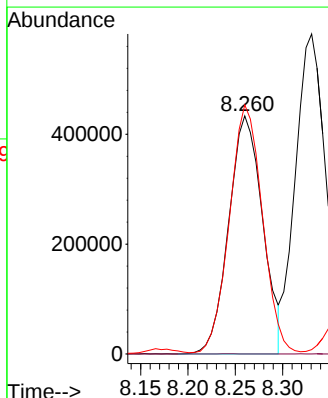
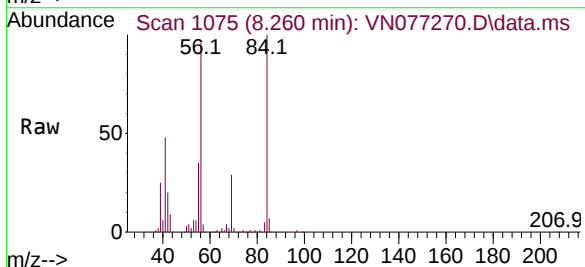
Tgt Ion: 56 Resp: 1079429

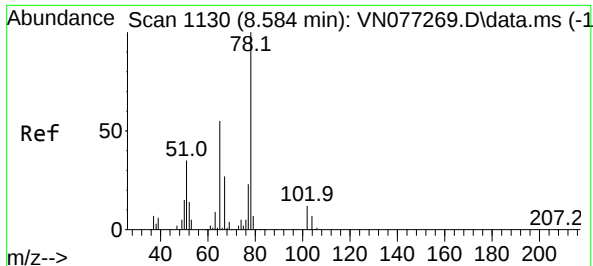
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 102.1 65.3 97.9#





#27

1,2-Dichloroethane-d4

Concen: 27.877 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 152230

Ion Ratio Lower Upper

65 100

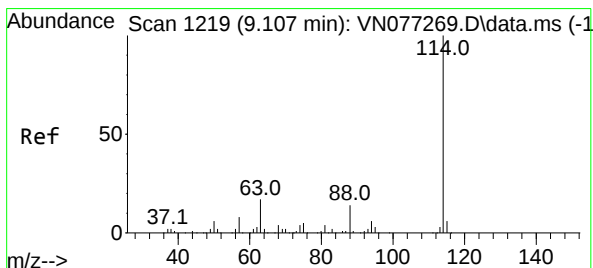
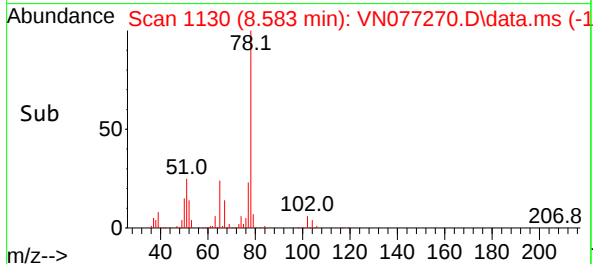
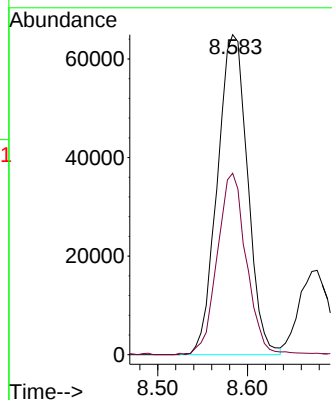
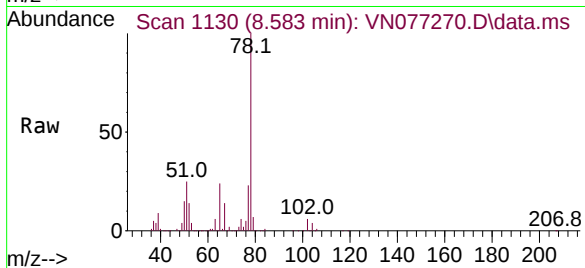
67 54.5 40.9 61.3

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: VN077270.D

Acq: 07 Apr 2023 10:46

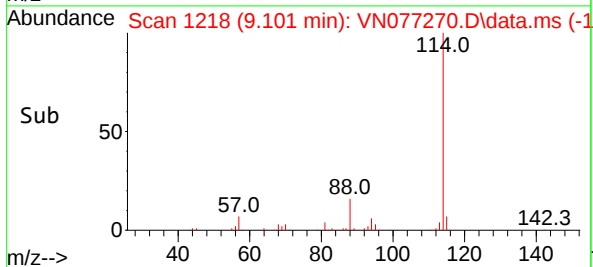
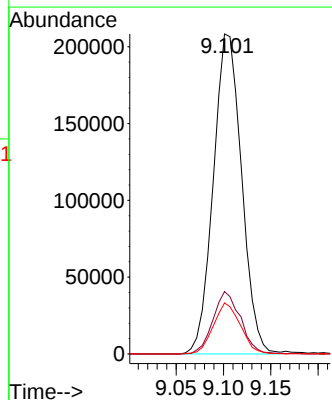
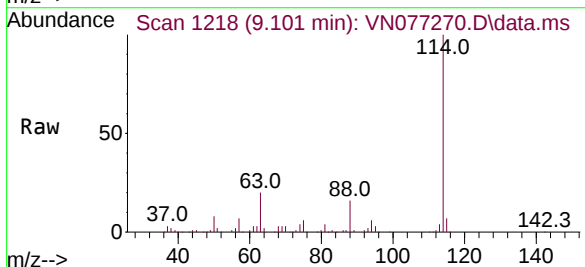
Tgt Ion:114 Resp: 433554

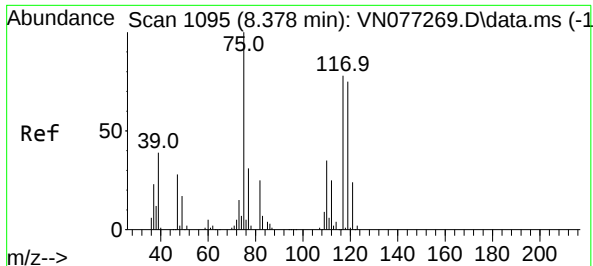
Ion Ratio Lower Upper

114 100

63 19.0 17.0 25.4

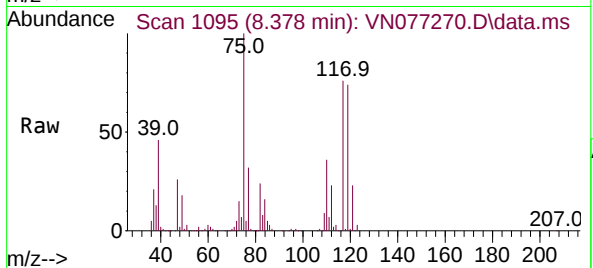
88 15.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 99.444 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

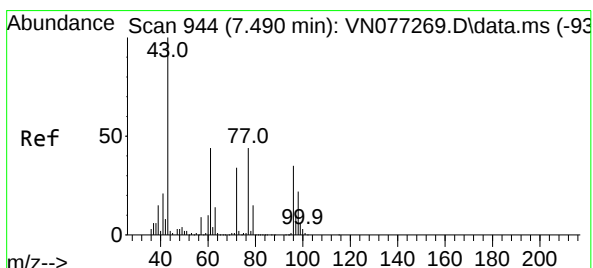
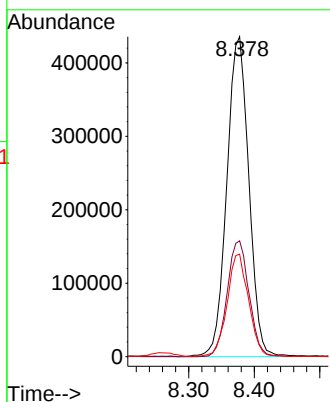
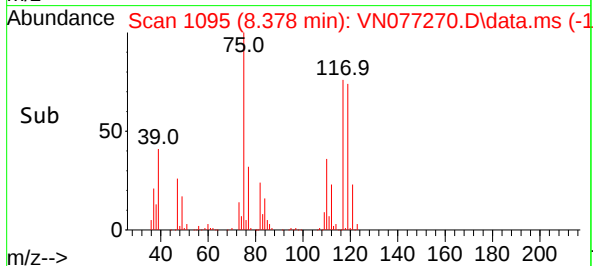
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 1015520
Ion Ratio Lower Upper
75 100
110 36.0 0.0 67.2
77 31.4 0.0 64.4

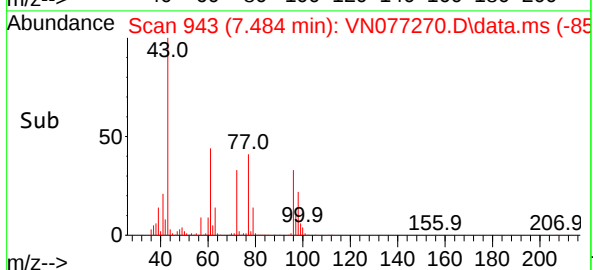
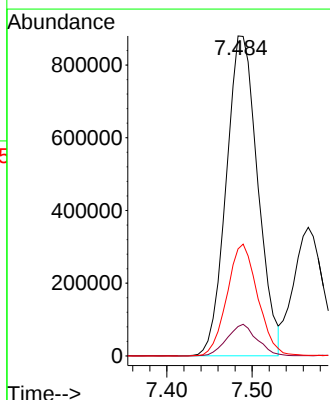
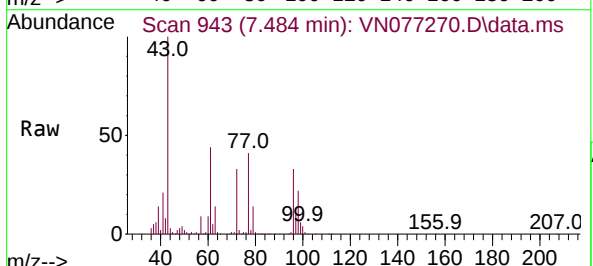
Manual Integrations
APPROVED

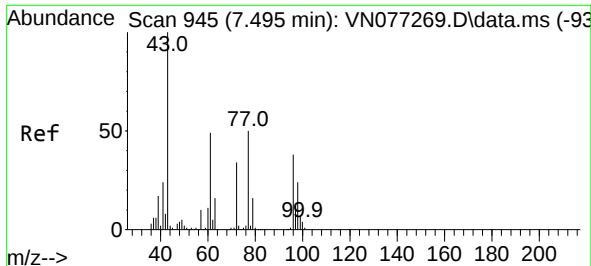
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 485.619 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 2262517
Ion Ratio Lower Upper
43 100
57 9.4 6.1 9.1#
72 34.1 20.2 30.4#





#31

2,2-Dichloropropane

Concen: 122.754 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 124197

Ion Ratio Lower Upper

77 100

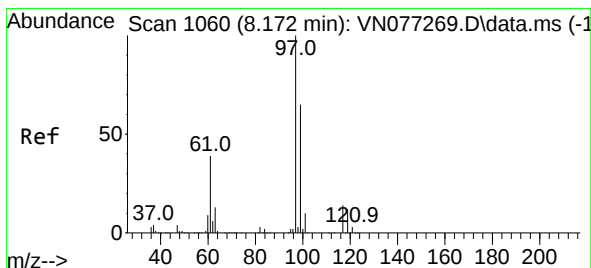
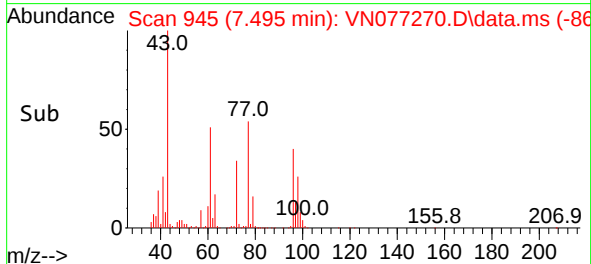
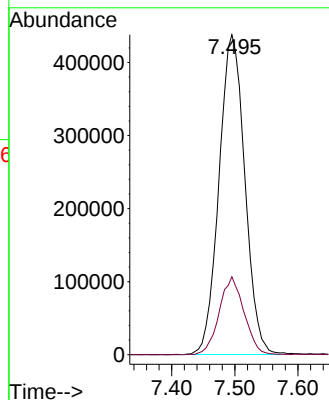
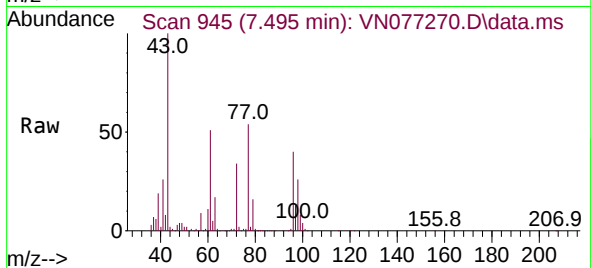
97 23.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 102.262 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

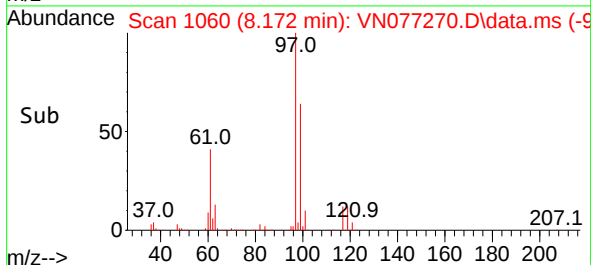
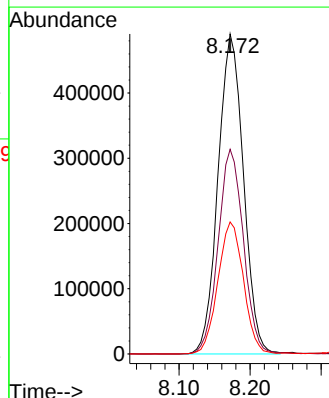
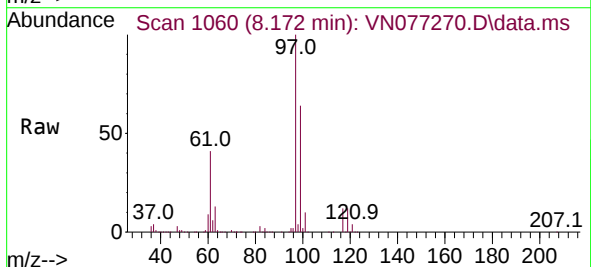
Tgt Ion: 97 Resp: 1218076

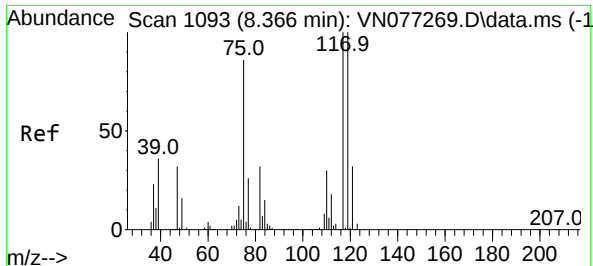
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.8

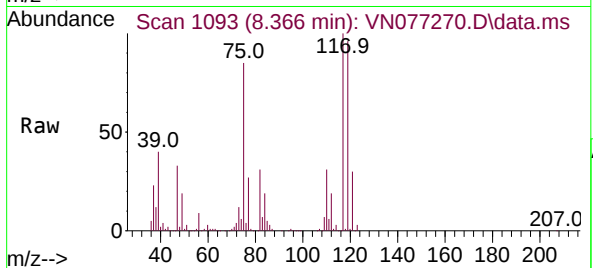
61 41.5 39.3 58.9





#33
Carbon Tetrachloride
Concen: 100.449 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

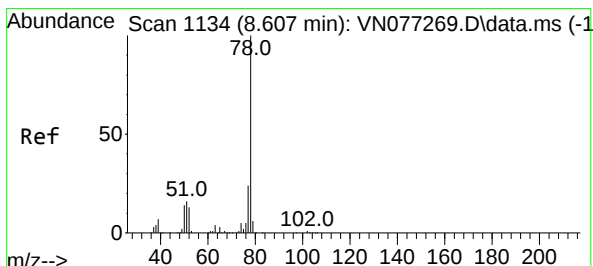
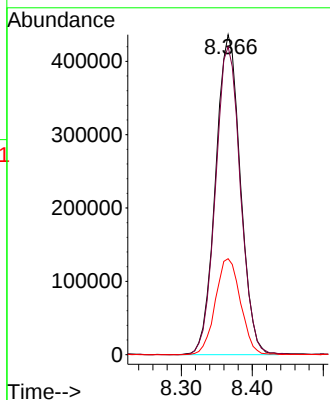
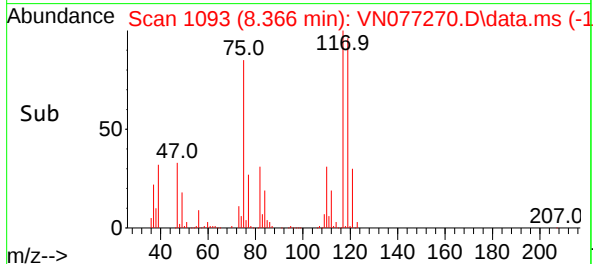
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



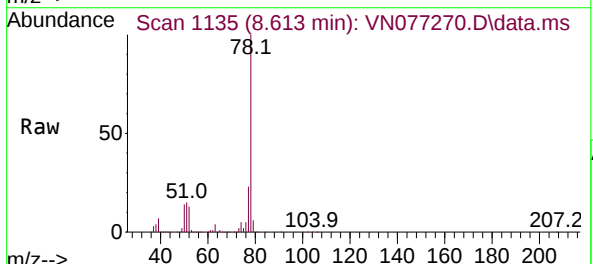
Tgt Ion: 117 Resp: 105795
Ion Ratio Lower Upper
117 100
119 96.2 79.8 119.8
121 30.0 23.4 35.0

Manual Integrations
APPROVED

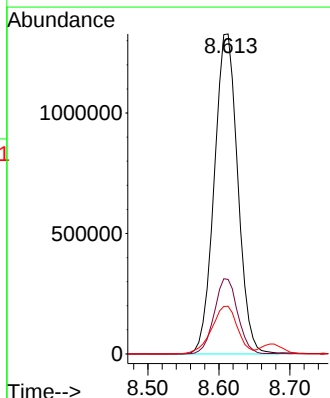
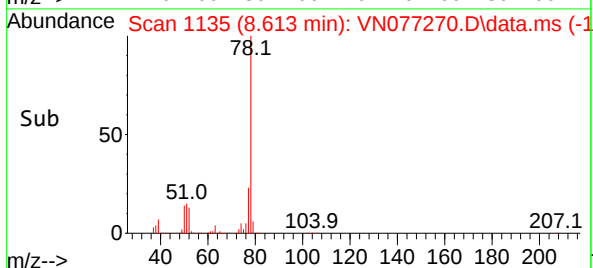
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

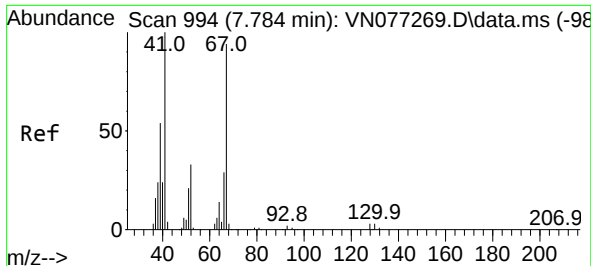


#34
Benzene
Concen: 97.414 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



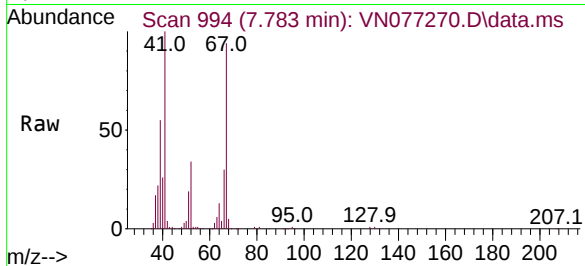
Tgt Ion: 78 Resp: 3049745
Ion Ratio Lower Upper
78 100
77 23.3 17.4 26.2
51 14.8 13.8 20.6





#35
Methacrylonitrile
Concen: 85.251 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

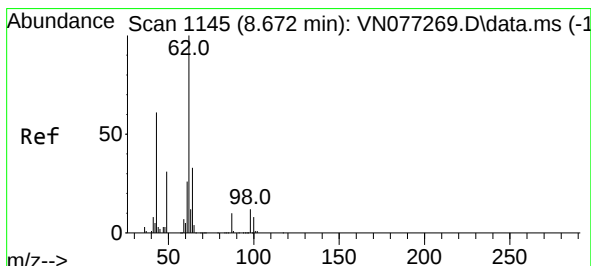
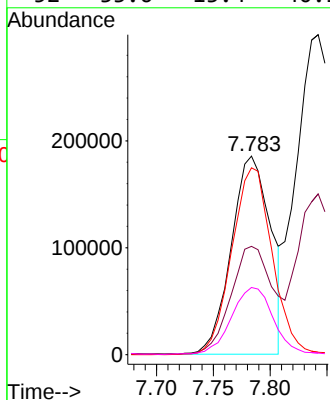
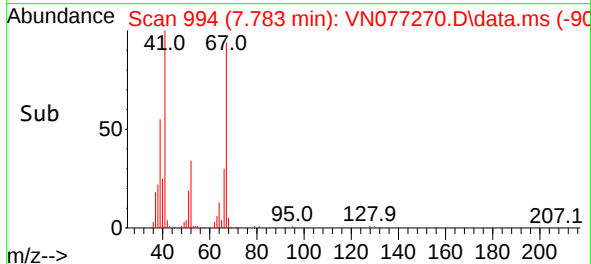
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:	41	Ratio	100	Lower	Upper
39	54.5	26.6	79.7		
67	94.1	32.3	96.9		
52	33.6	13.4	40.1		

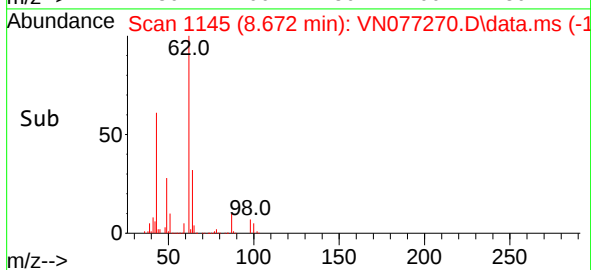
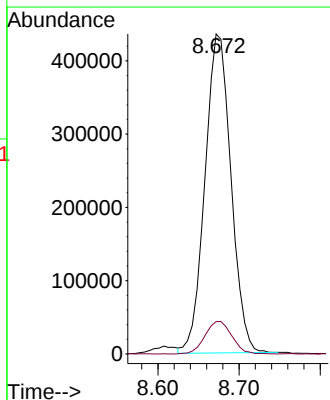
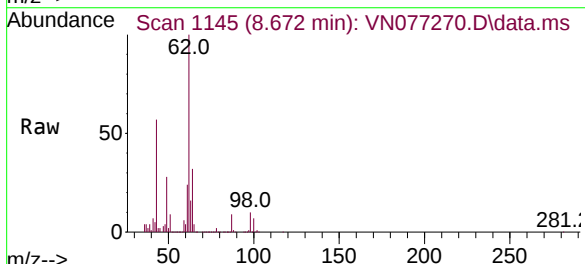
Manual Integrations
APPROVED

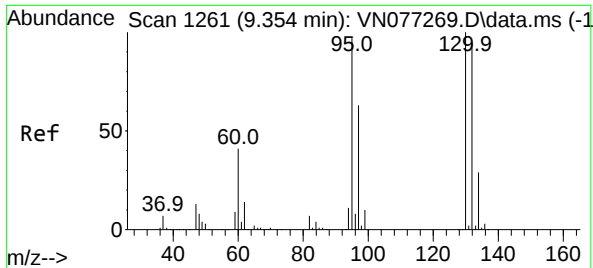
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 92.492 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

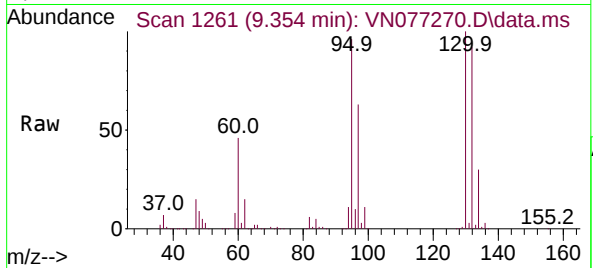
Tgt Ion:	62	Ratio	100	Lower	Upper
98	10.5	7.4	11.0		





#37
Trichloroethene
Concen: 96.993 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

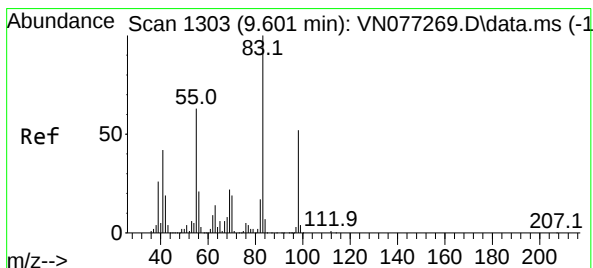
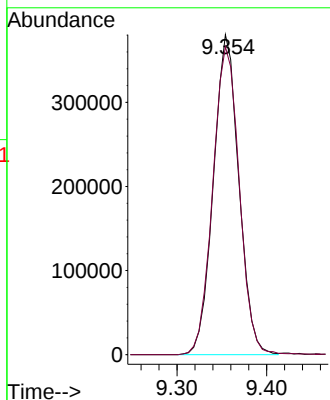
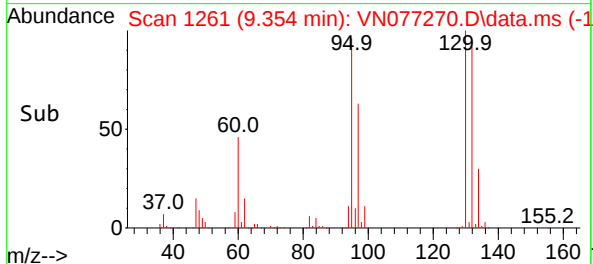
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



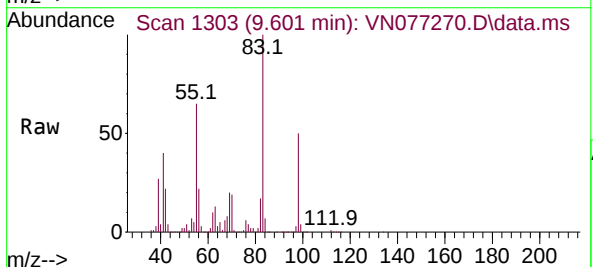
Tgt Ion:130 Resp: 748418
Ion Ratio Lower Upper
130 100
95 96.2 78.7 118.1

Manual Integrations
APPROVED

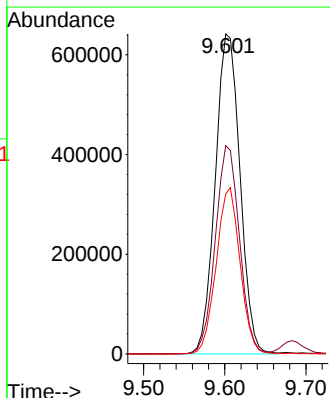
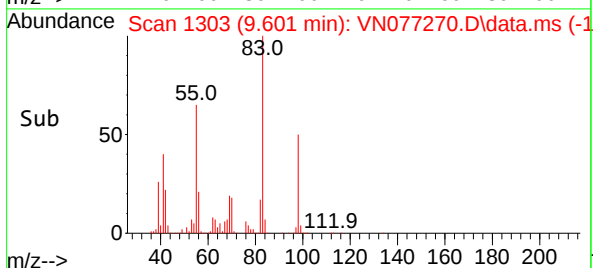
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

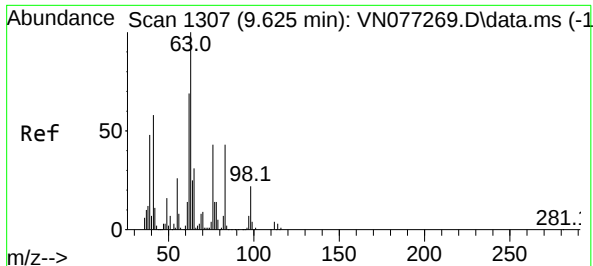


#38
Methylcyclohexane
Concen: 107.112 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion: 83 Resp: 1361496
Ion Ratio Lower Upper
83 100
55 63.5 37.6 112.9
98 50.2 24.1 72.4





#39

1,2-Dichloropropane

Concen: 94.387 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077270.D

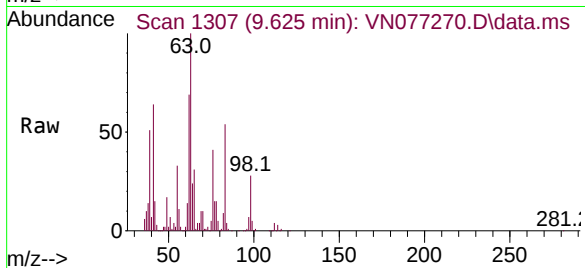
Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 63 Resp: 759234

Ion Ratio Lower Upper

63 100

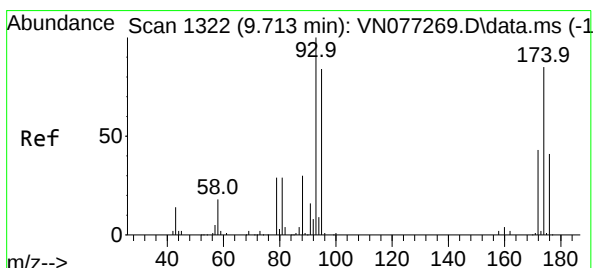
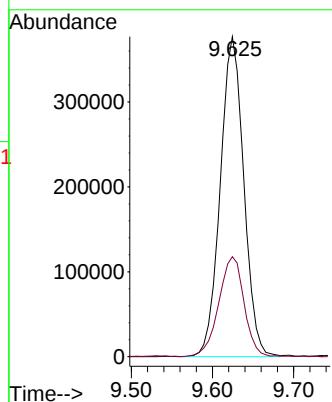
65 31.2 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 107.693 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

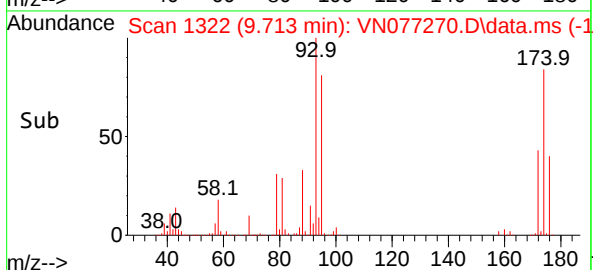
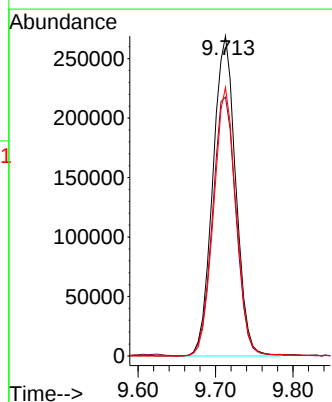
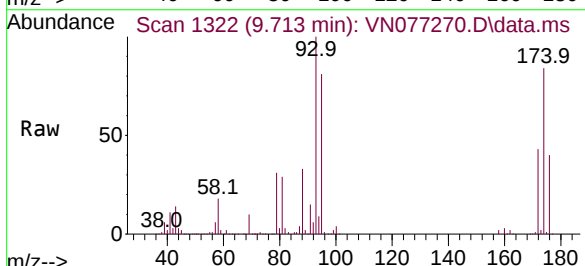
Tgt Ion: 93 Resp: 551881

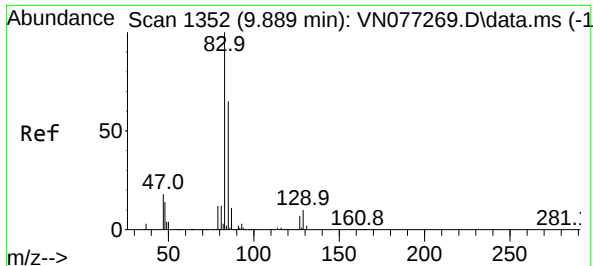
Ion Ratio Lower Upper

93 100

95 82.9 0.0 158.0

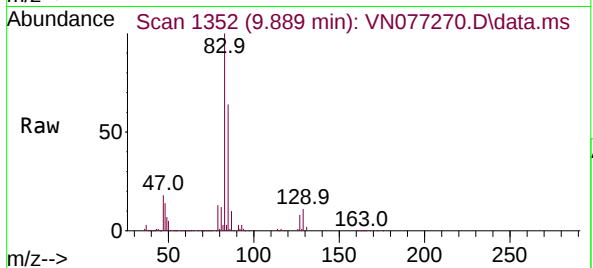
174 82.4 0.0 171.2





#41
Bromodichloromethane
Concen: 104.324 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

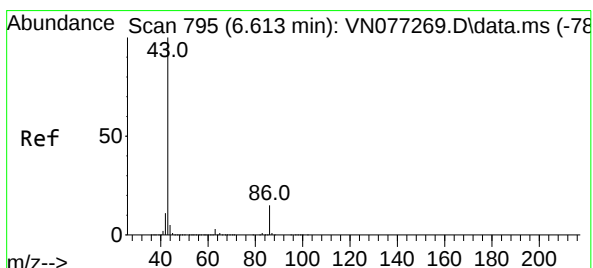
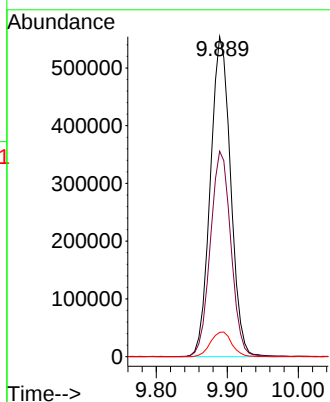
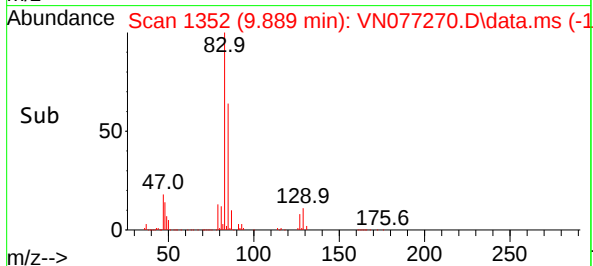
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 1095634
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 7.6 6.2 9.2

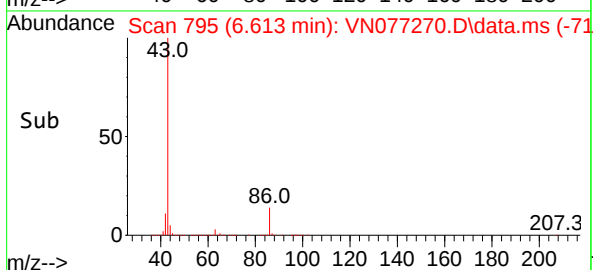
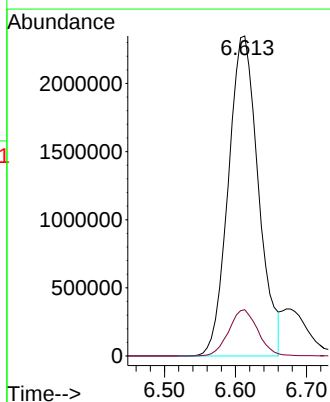
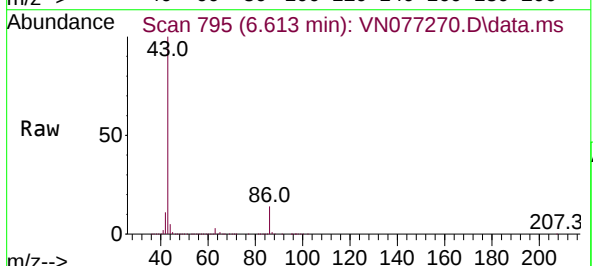
Manual Integrations
APPROVED

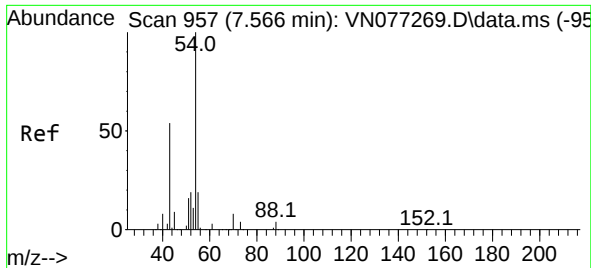
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 476.493 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 43 Resp: 6920123
Ion Ratio Lower Upper
43 100
86 14.0 7.8 11.6#





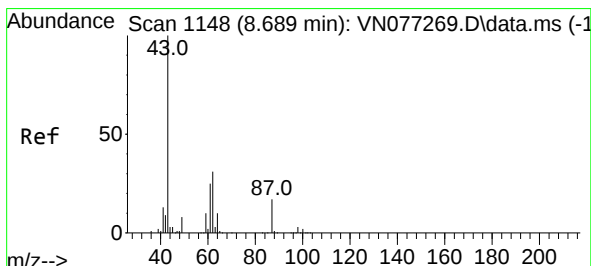
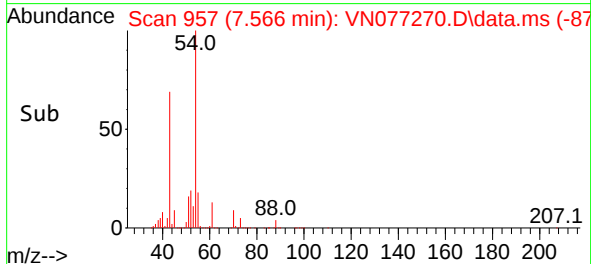
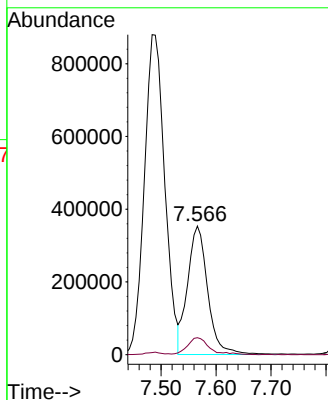
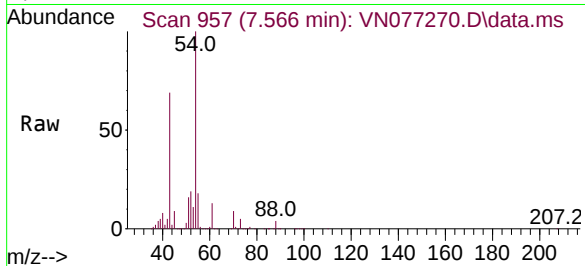
#43
Ethyl Acetate
Concen: 95.386 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 896720
Ion Ratio Lower Upper
43 100
45 12.3 11.2 16.8

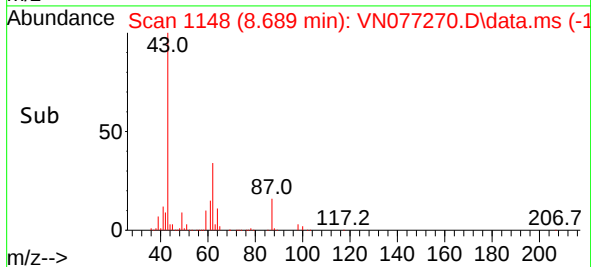
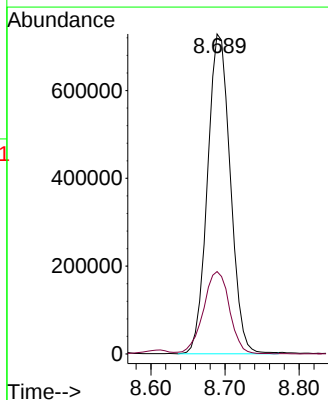
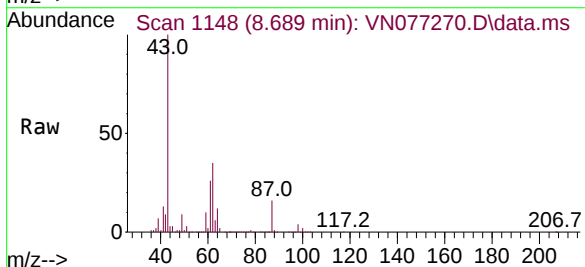
Manual Integrations
APPROVED

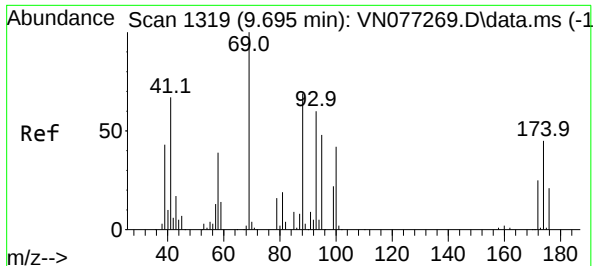
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 102.304 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

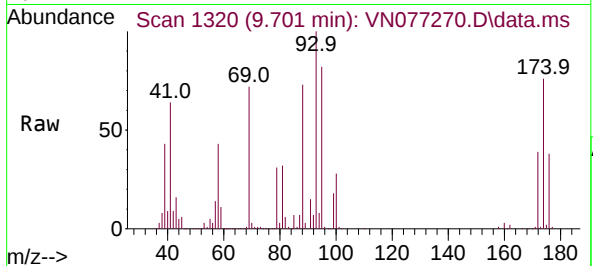
Tgt Ion: 43 Resp: 1559057
Ion Ratio Lower Upper
43 100
61 29.3 19.5 29.3





#45
1,4-Dioxane
Concen: 2489.509 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

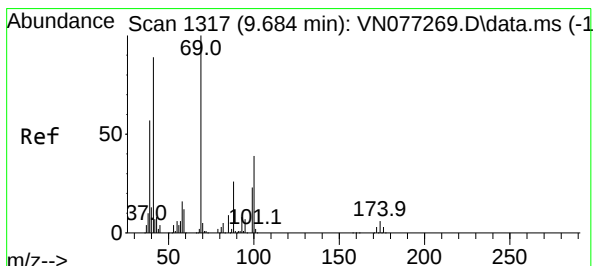
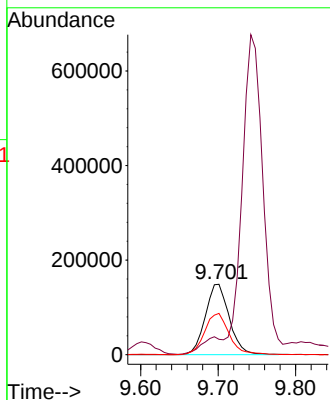
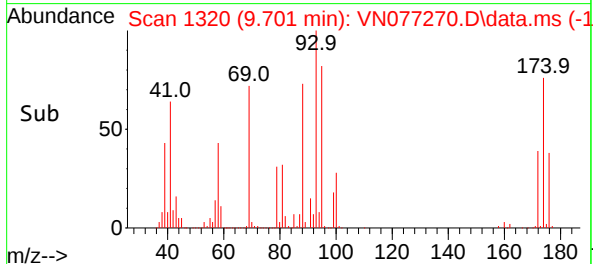
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



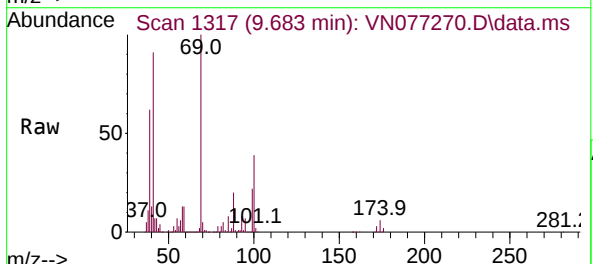
Tgt Ion: 88 Resp: 31916
Ion Ratio Lower Upper
88 100
43 22.2 26.0 39.0
58 60.5 54.3 81.5

Manual Integrations
APPROVED

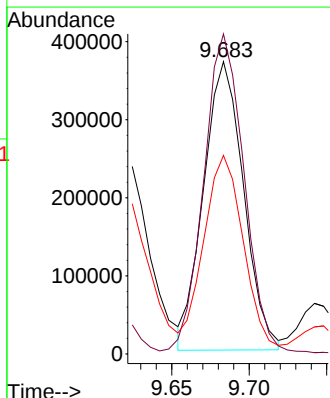
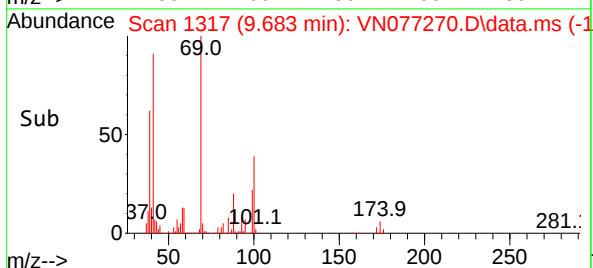
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

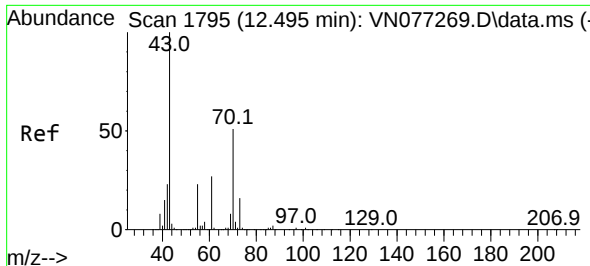


#46
Methyl methacrylate
Concen: 89.340 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



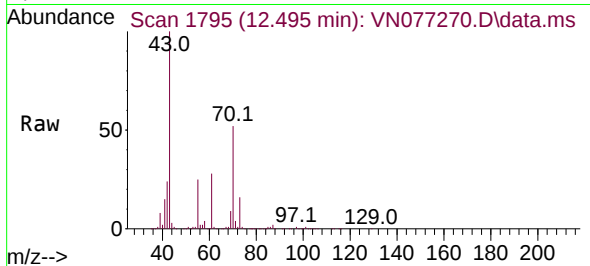
Tgt Ion: 41 Resp: 663030
Ion Ratio Lower Upper
41 100
69 111.8 40.6 121.7
39 68.1 30.5 91.5





#47
n-amy1 Acetate
Concen: 117.573 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

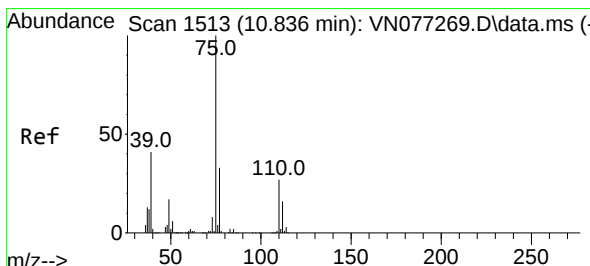
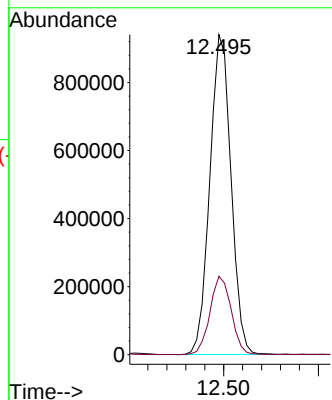
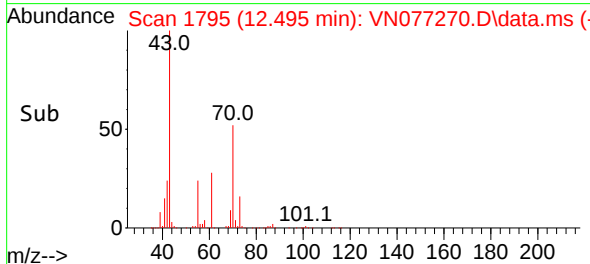
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



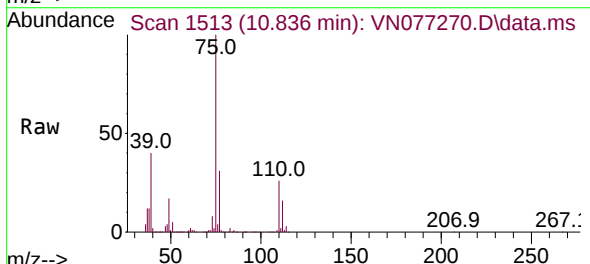
Tgt Ion: 43 Resp: 145814
Ion Ratio Lower Upper
43 100
55 24.6 18.3 27.5

Manual Integrations
APPROVED

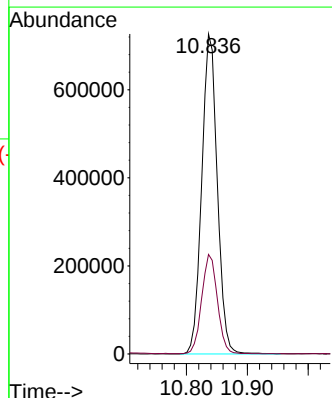
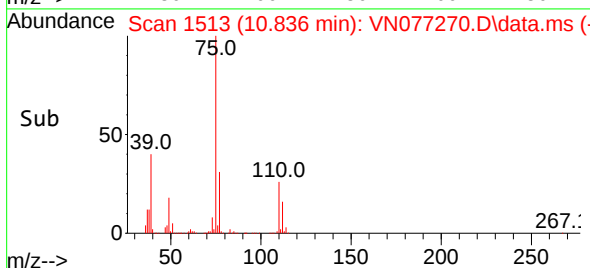
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

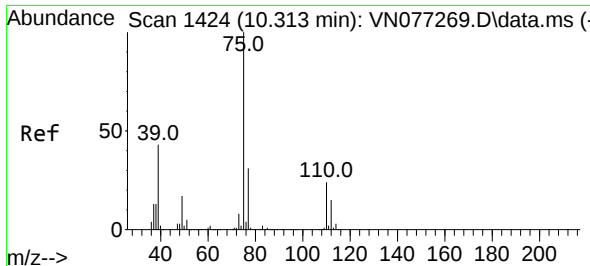


#48
t-1,3-Dichloropropene
Concen: 122.220 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion: 75 Resp: 1285643
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 112.712 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 1346624

Ion Ratio Lower Upper

75 100

77 30.9 27.5 41.3

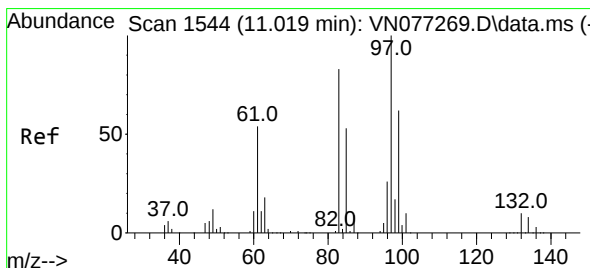
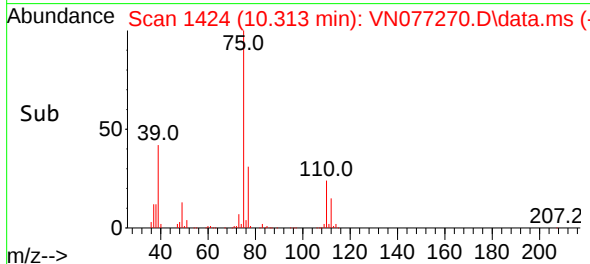
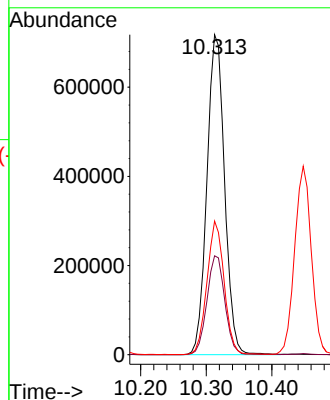
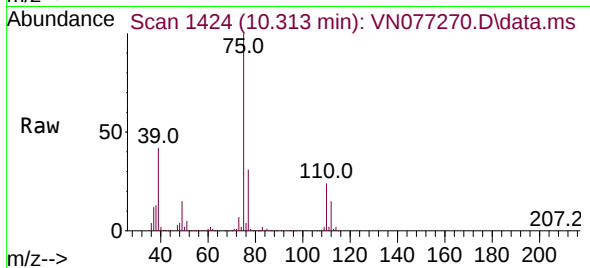
39 41.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 106.781 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Tgt Ion: 97 Resp: 801657

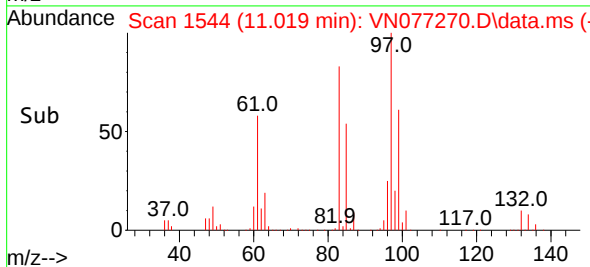
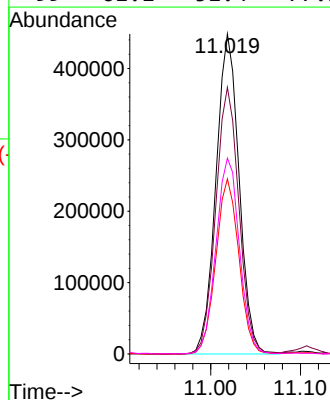
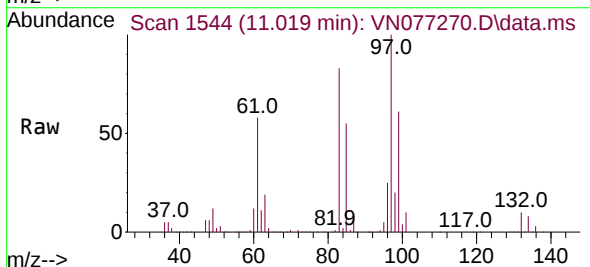
Ion Ratio Lower Upper

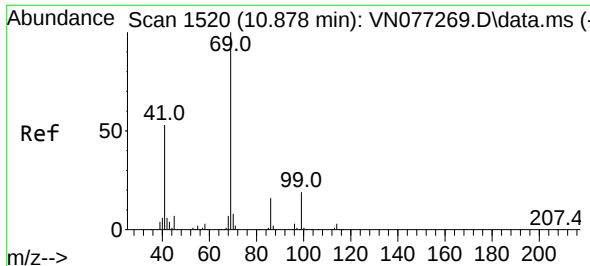
97 100

83 83.3 71.0 106.4

85 54.7 45.5 68.3

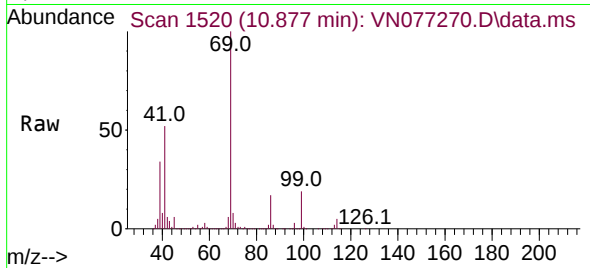
99 61.1 51.4 77.2





#51
Ethyl methacrylate
Concen: 116.721 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

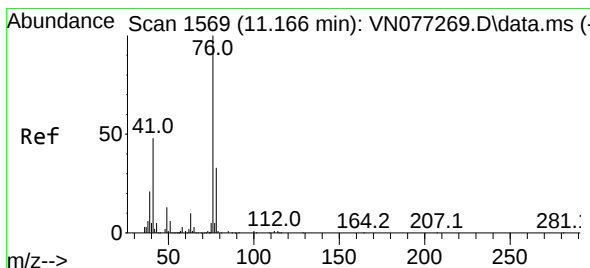
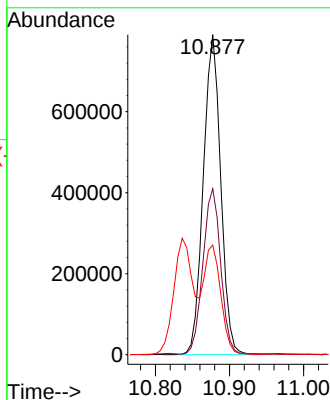
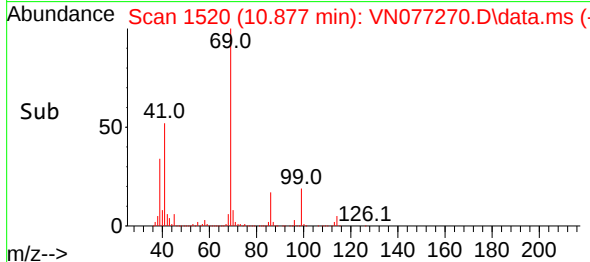
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 1291834
Ion Ratio Lower Upper
69 100
41 51.7 36.3 108.7
39 34.1 19.9 59.7

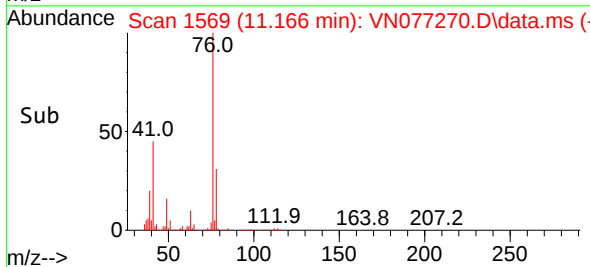
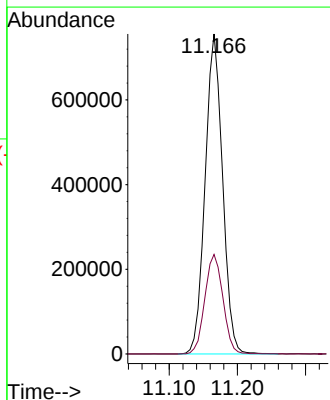
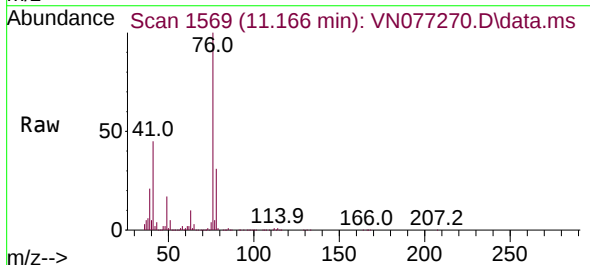
Manual Integrations
APPROVED

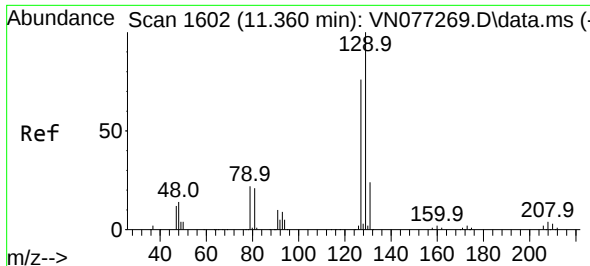
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 103.586 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

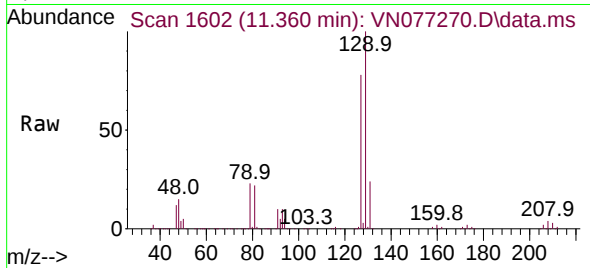
Tgt Ion: 76 Resp: 1343212
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 114.272 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

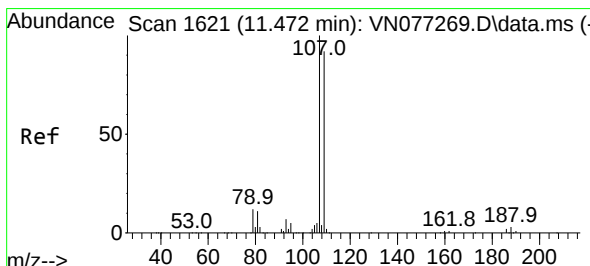
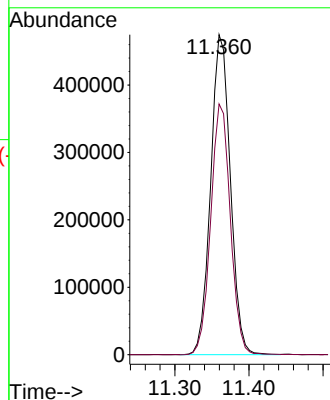
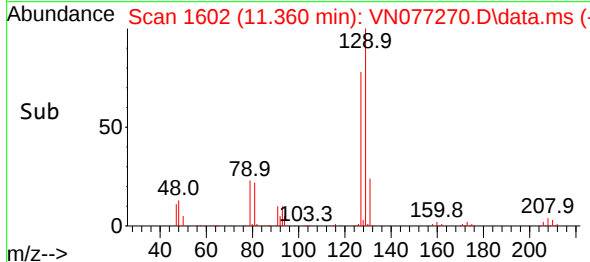
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



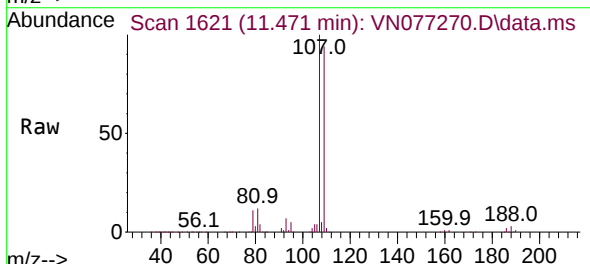
Tgt Ion:129 Resp: 875199
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.1

Manual Integrations
APPROVED

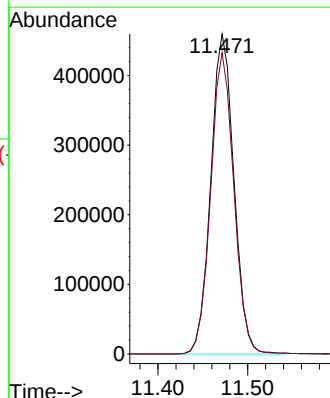
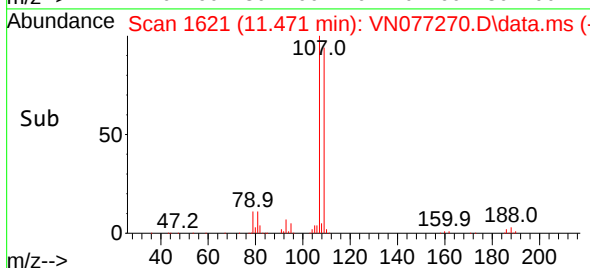
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

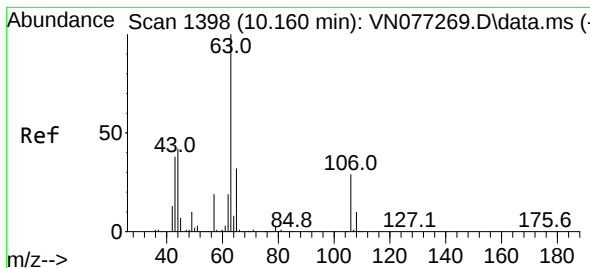


#54
1,2-Dibromoethane
Concen: 113.414 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



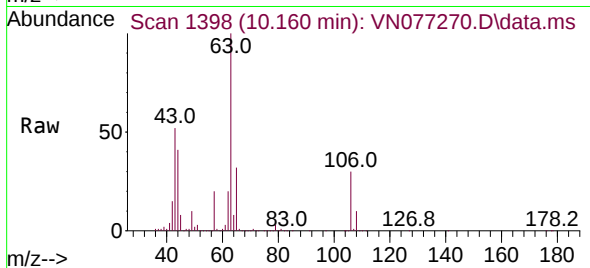
Tgt Ion:107 Resp: 821648
Ion Ratio Lower Upper
107 100
109 94.3 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 578.482 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

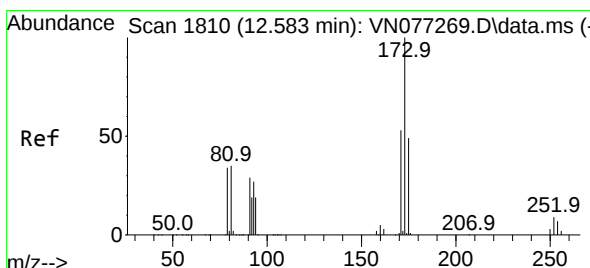
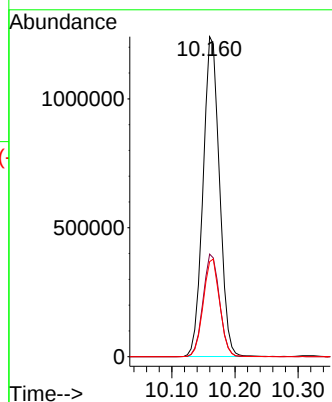
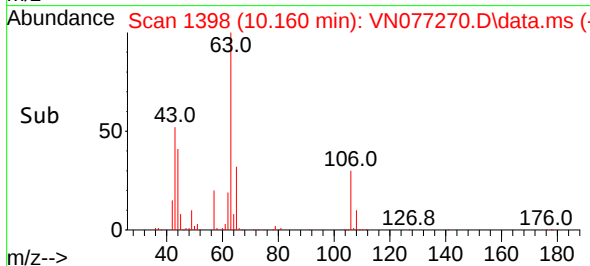
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 2244792
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 30.5 21.6 32.4

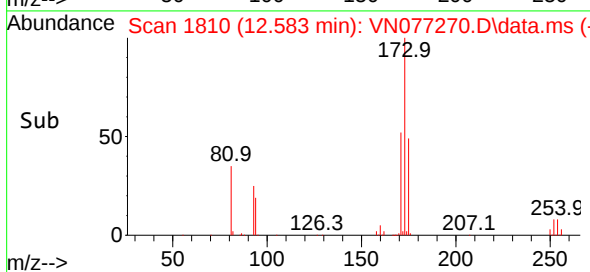
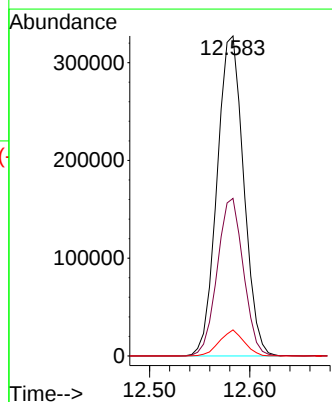
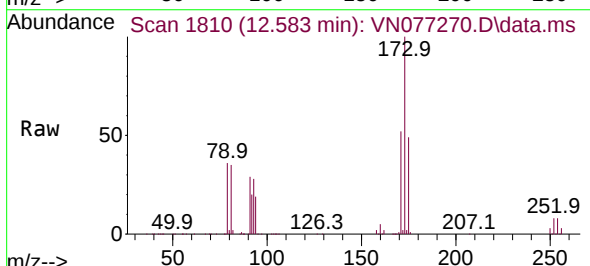
Manual Integrations
APPROVED

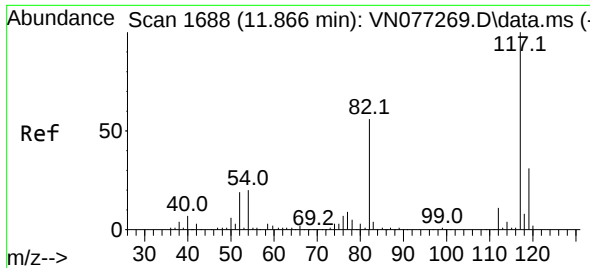
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 117.661 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

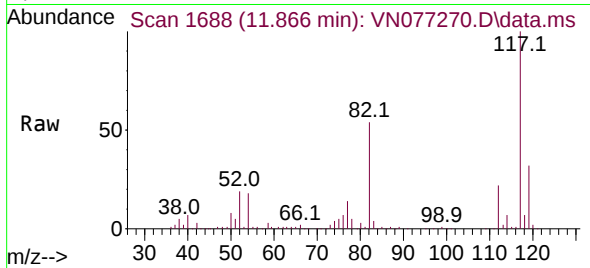
Tgt Ion:173 Resp: 602886
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 7.6 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

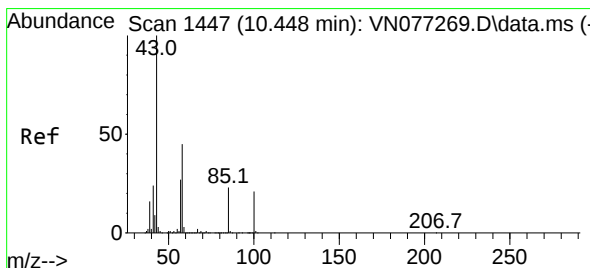
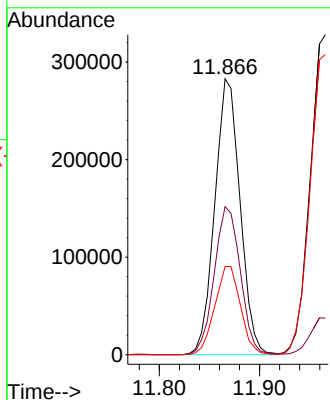
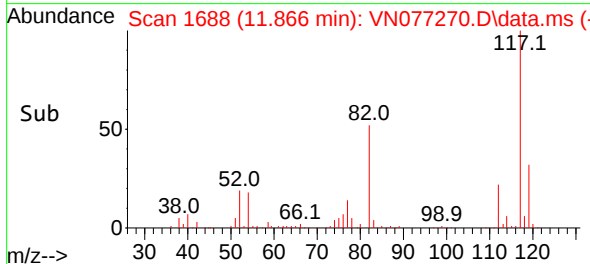
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 117 Resp: 494897
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 32.5 26.8 40.2

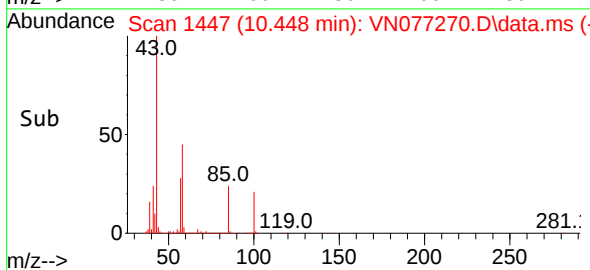
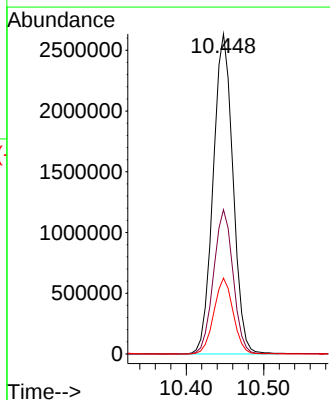
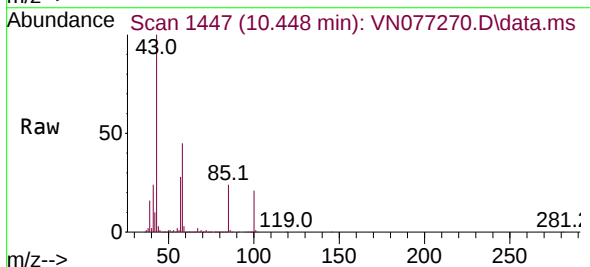
Manual Integrations
APPROVED

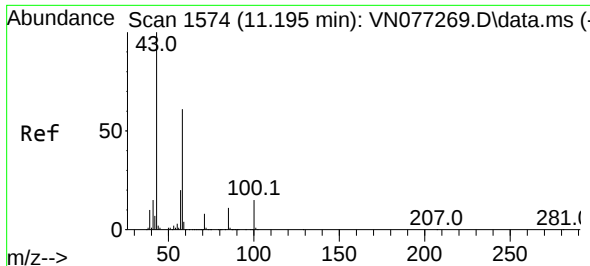
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 468.566 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

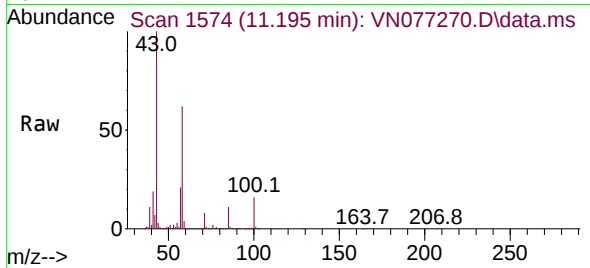
Tgt Ion: 43 Resp: 4684519
Ion Ratio Lower Upper
43 100
58 44.6 28.6 42.8#
85 23.1 11.8 17.8#





#59
2-Hexanone
Concen: 500.568 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

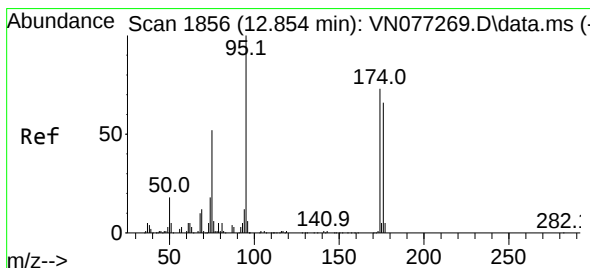
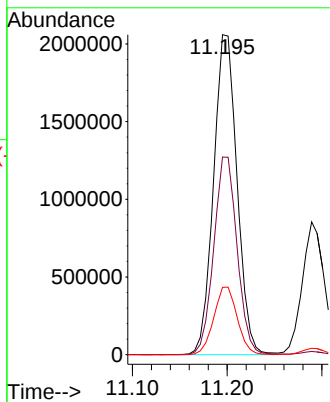
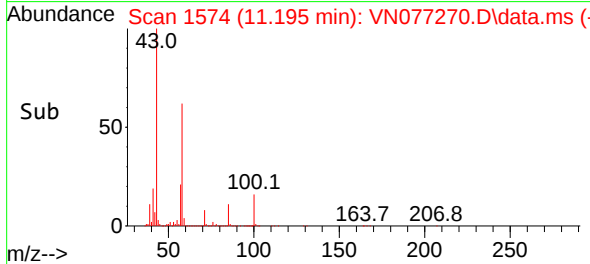
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 355505
Ion Ratio Lower Upper
43 100
58 61.5 40.6 60.8
57 21.1 13.1 19.7

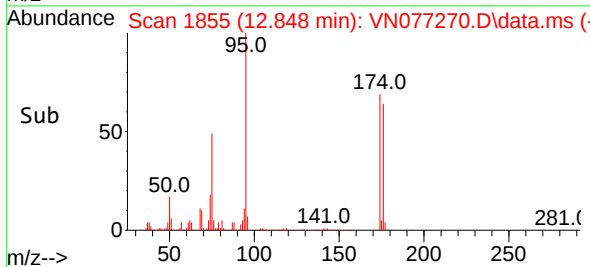
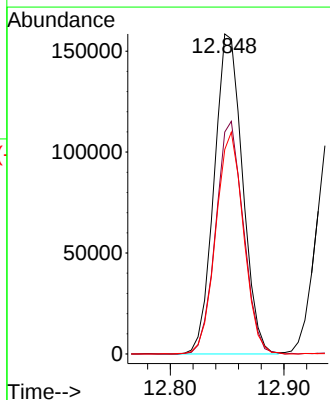
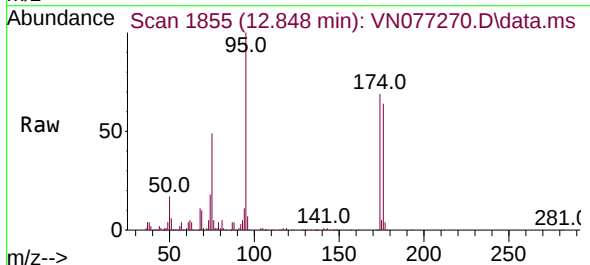
Manual Integrations
APPROVED

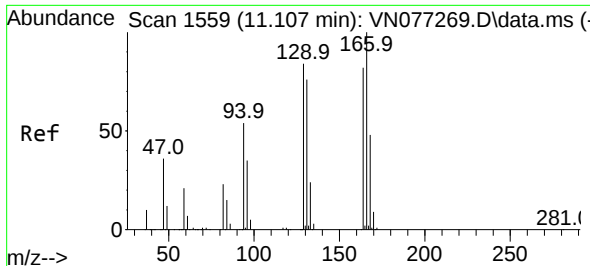
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 29.365 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

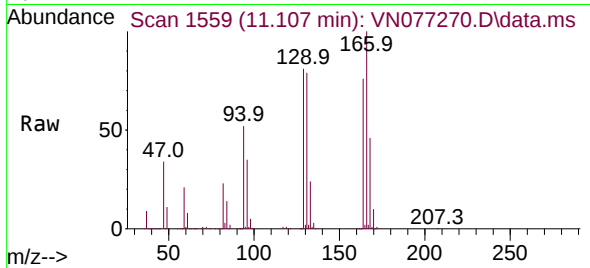
Tgt Ion: 95 Resp: 275054
Ion Ratio Lower Upper
95 100
174 70.7 64.2 96.4
176 67.8 61.4 92.0





#61
Tetrachloroethene
Concen: 75.104 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

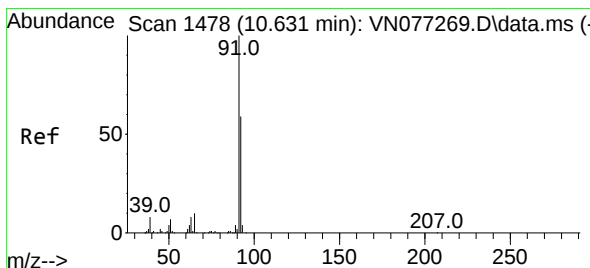
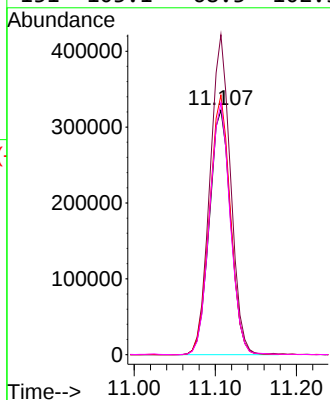
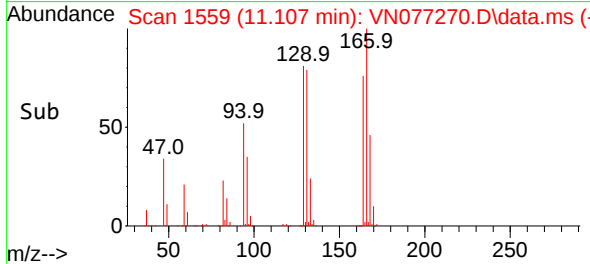
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 58676
Ion Ratio Lower Upper
164 100
166 130.9 96.2 144.2
129 106.1 78.2 117.4
131 103.1 68.3 102.5#

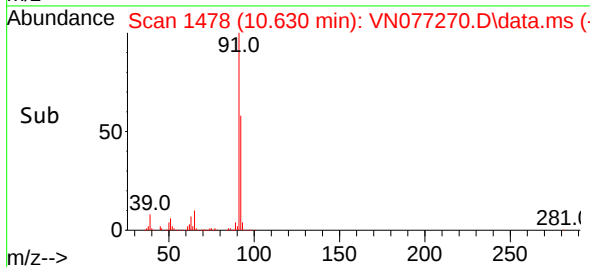
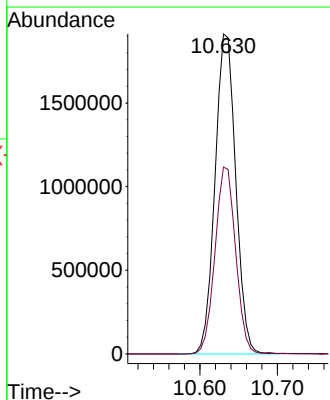
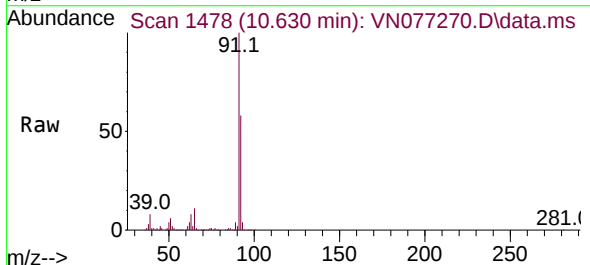
Manual Integrations
APPROVED

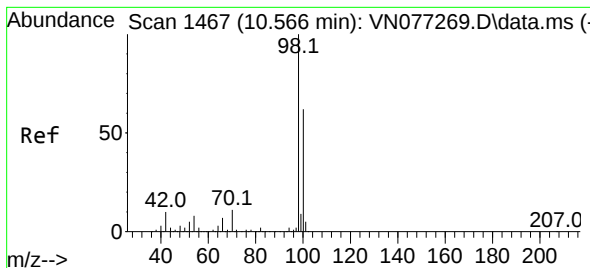
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#62
Toluene
Concen: 104.245 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 91 Resp: 3554901
Ion Ratio Lower Upper
91 100
92 58.2 46.3 69.5





#63

Toluene-d8

Concen: 29.425 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077270.D

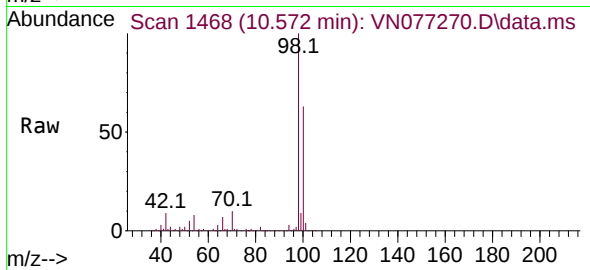
Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 98 Resp: 51219

Ion Ratio Lower Upper

98 100

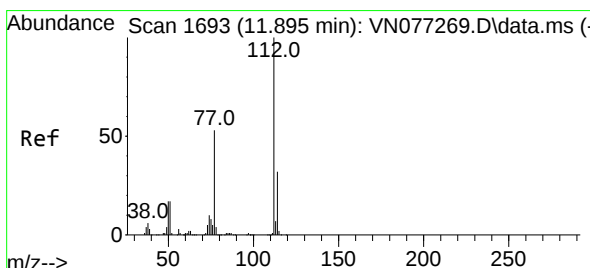
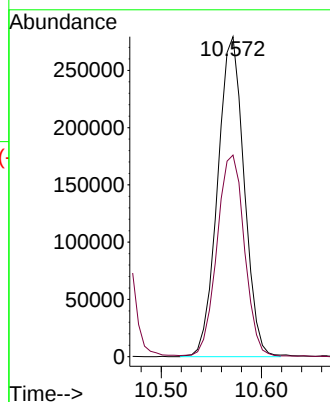
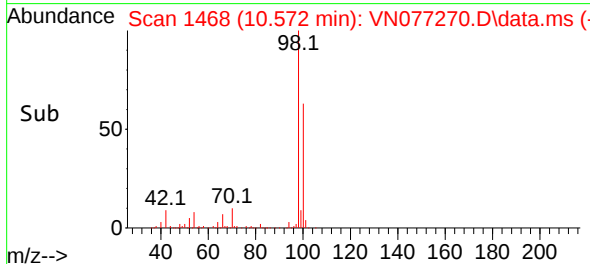
100 65.5 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#64

Chlorobenzene

Concen: 108.261 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077270.D

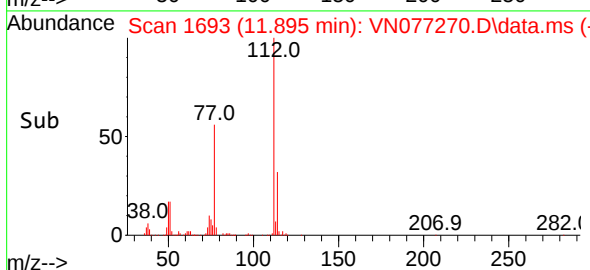
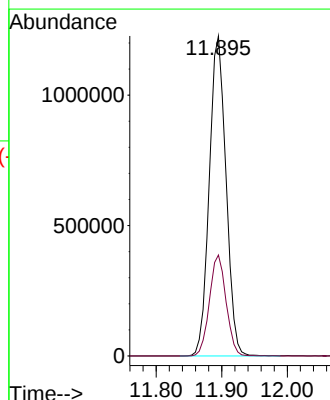
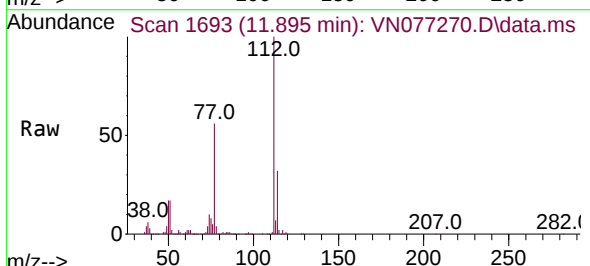
Acq: 07 Apr 2023 10:46

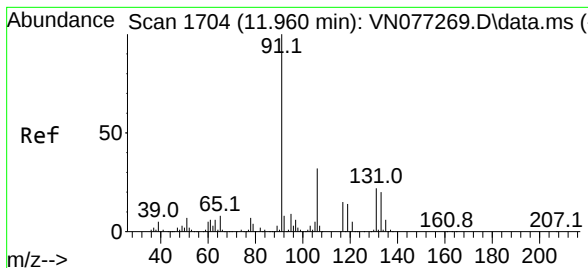
Tgt Ion:112 Resp: 2173169

Ion Ratio Lower Upper

112 100

114 31.5 24.5 36.7





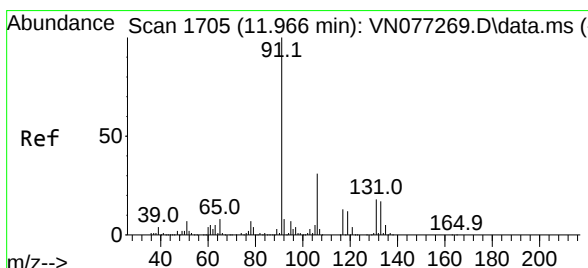
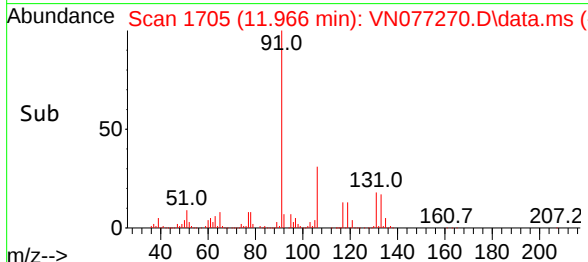
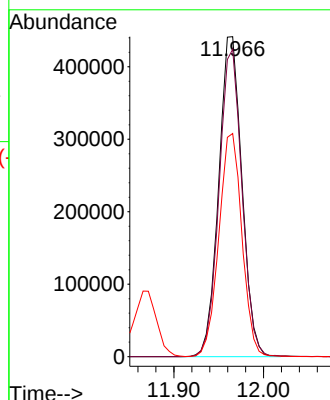
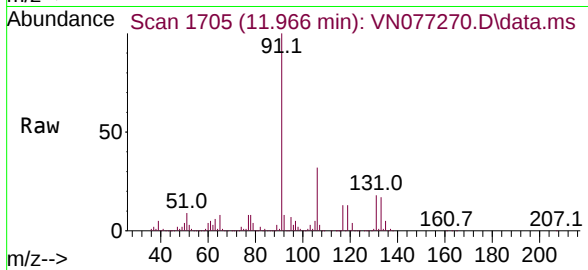
#65
1,1,1,2-Tetrachloroethane
Concen: 105.259 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 79360
Ion Ratio Lower Upper
131 100
133 94.6 0.0 197.6
119 69.3 0.0 127.8

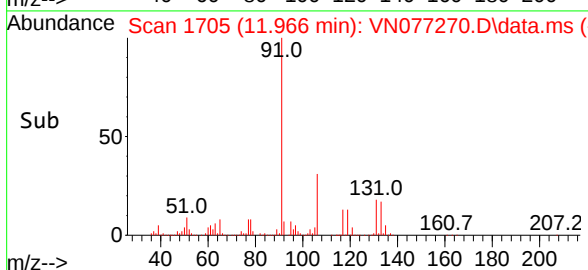
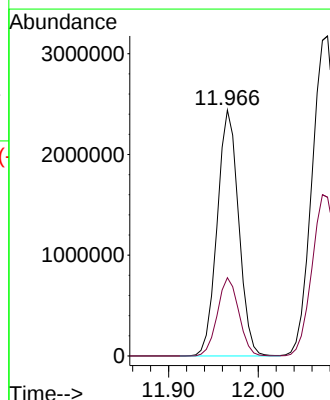
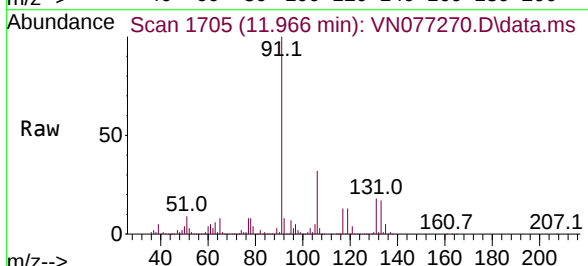
Manual Integrations
APPROVED

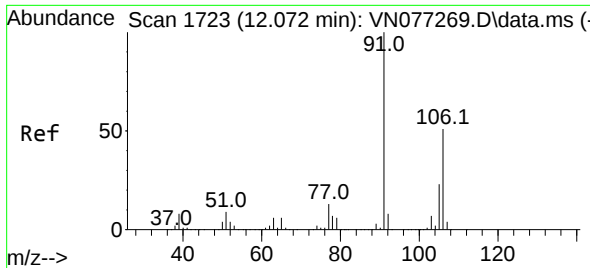
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 109.516 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

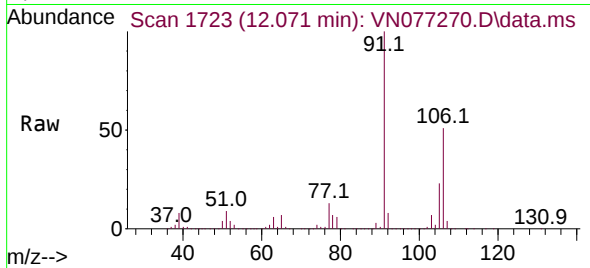
Tgt Ion: 91 Resp: 4054701
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





#67
m/p-Xylenes
Concen: 224.794 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

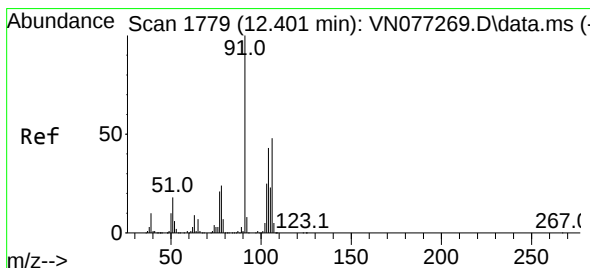
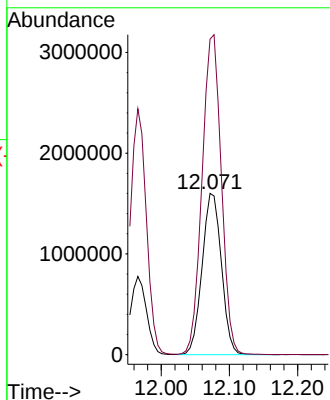
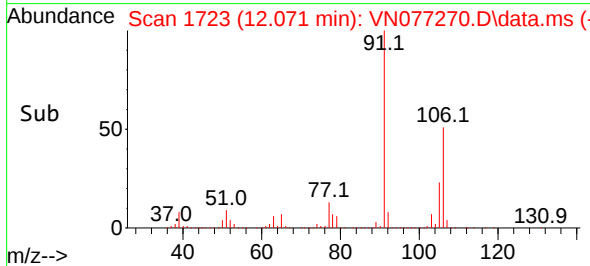
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



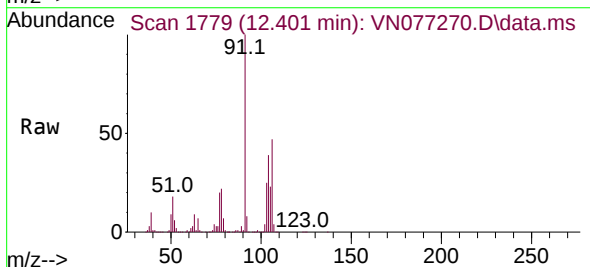
Tgt Ion:106 Resp: 3152590
Ion Ratio Lower Upper
106 100
91 198.1 157.4 236.2

Manual Integrations
APPROVED

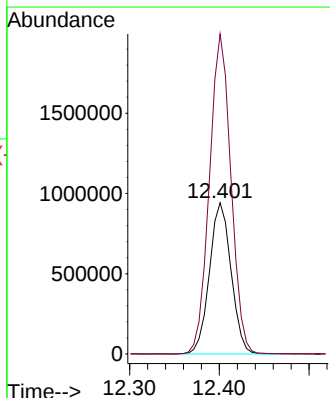
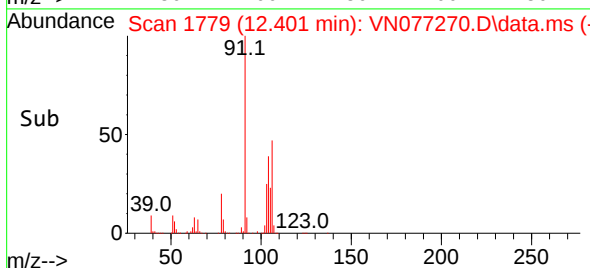
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

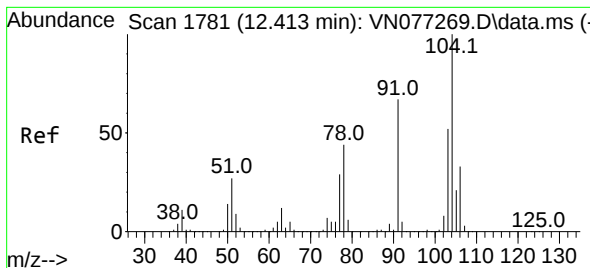


#68
o-Xylene
Concen: 115.217 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion:106 Resp: 1577564
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6





#69

Styrene

Concen: 118.149 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 2623700

Ion Ratio Lower Upper

104 100

78 48.5 39.6 59.4

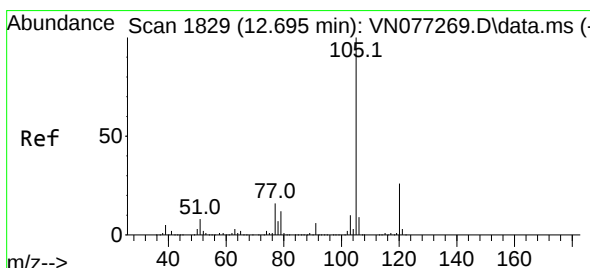
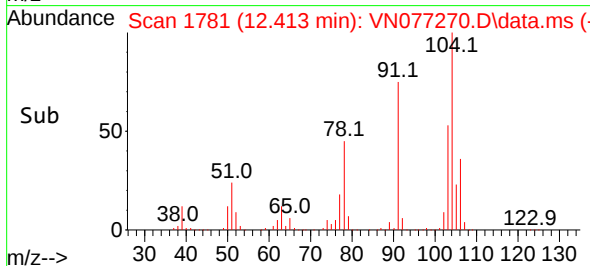
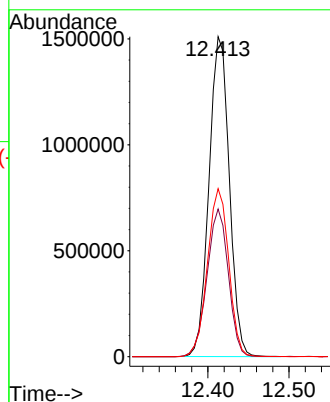
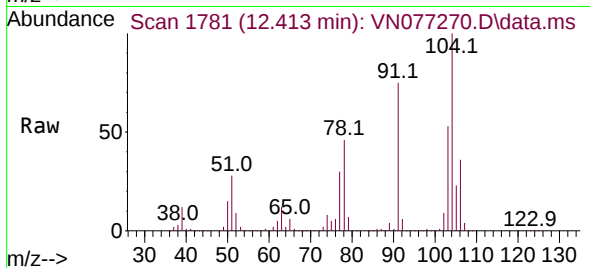
103 55.1 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#70

Isopropylbenzene

Concen: 114.243 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077270.D

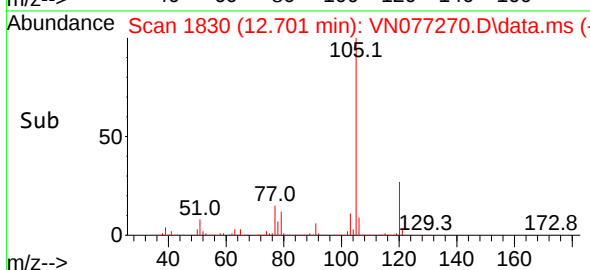
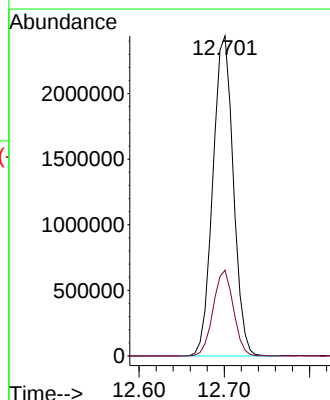
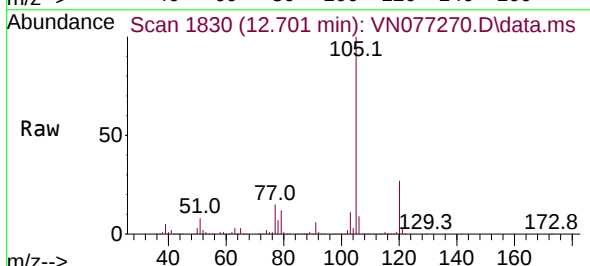
Acq: 07 Apr 2023 10:46

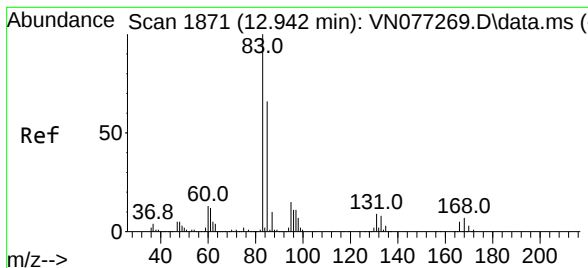
Tgt Ion:105 Resp: 4069991

Ion Ratio Lower Upper

105 100

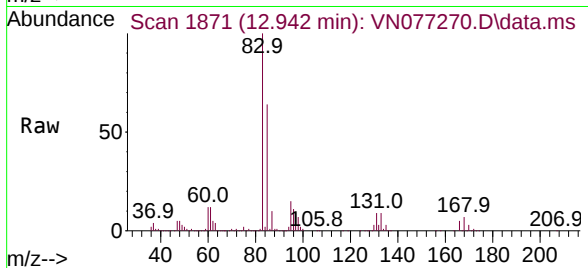
120 26.5 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 114.273 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

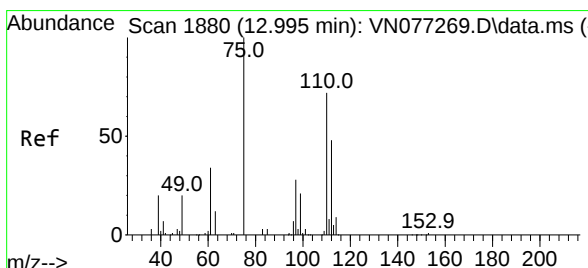
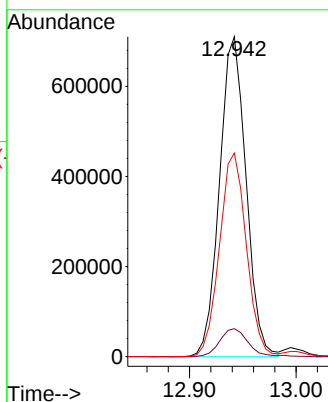
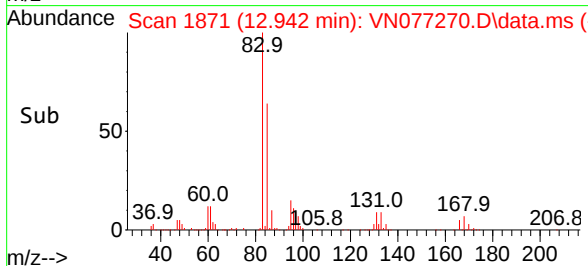
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



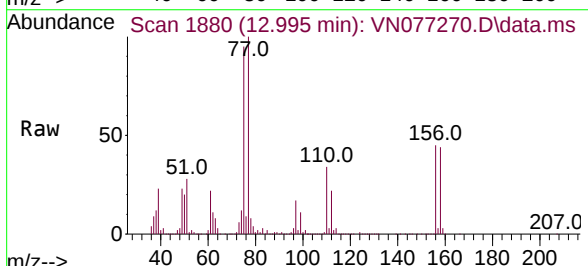
Tgt Ion: 83 Resp: 122747
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

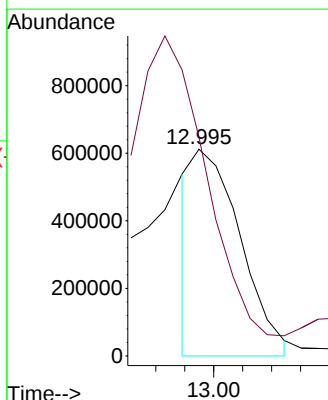
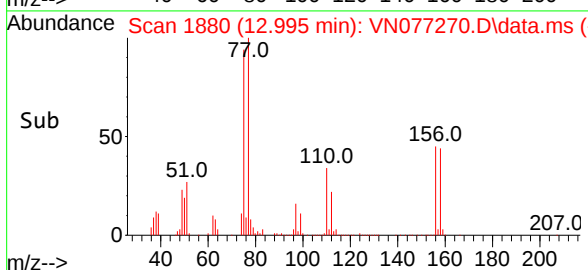
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

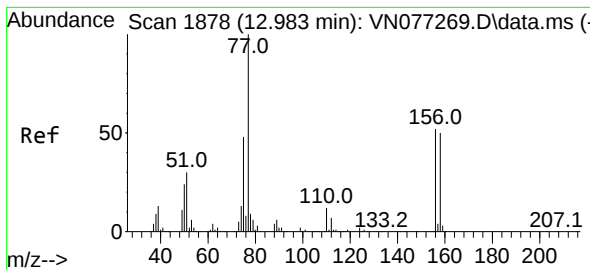


#72
1,2,3-Trichloropropane
Concen: 72.041 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion: 75 Resp: 709869
Ion Ratio Lower Upper
75 100
77 266.5 0.0 332.6





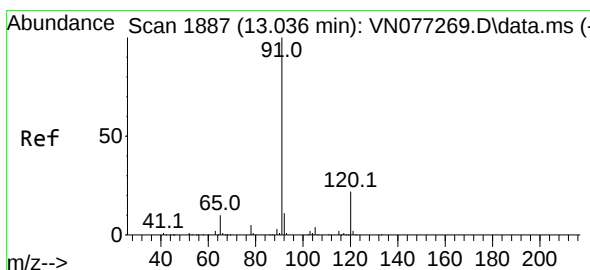
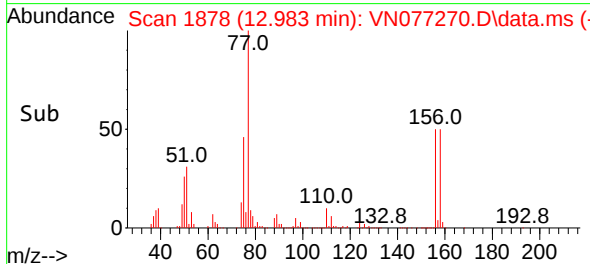
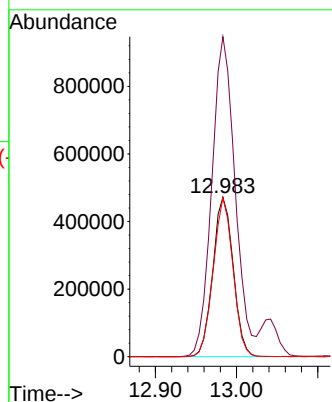
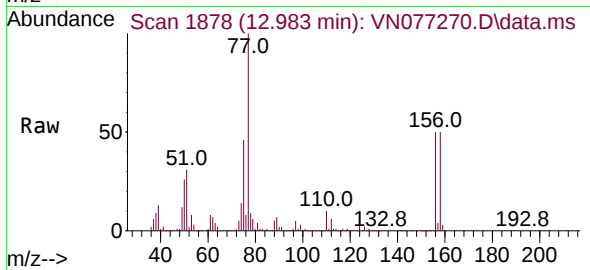
#73
Bromobenzene
Concen: 102.324 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 822627
Ion Ratio Lower Upper
156 100
77 229.9 0.0 423.0
158 96.6 0.0 188.6

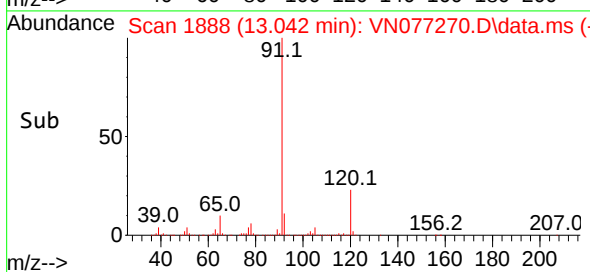
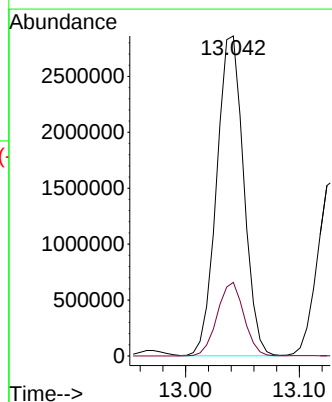
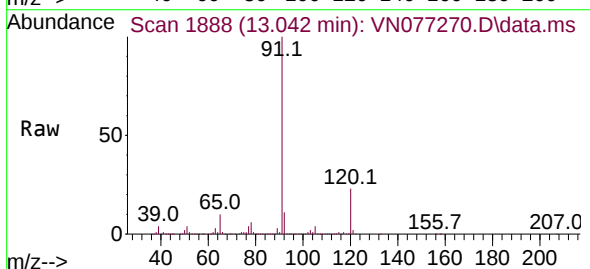
Manual Integrations
APPROVED

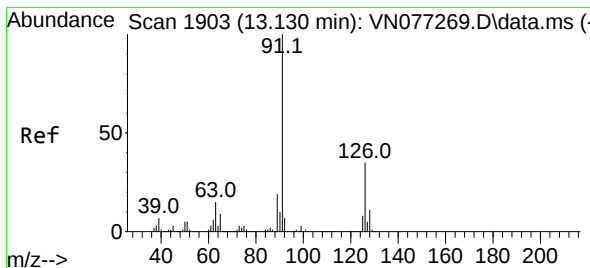
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 112.537 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion: 91 Resp: 4732344
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.0





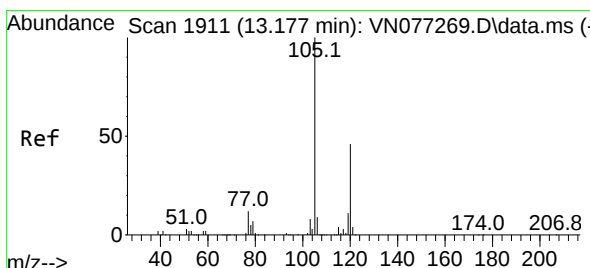
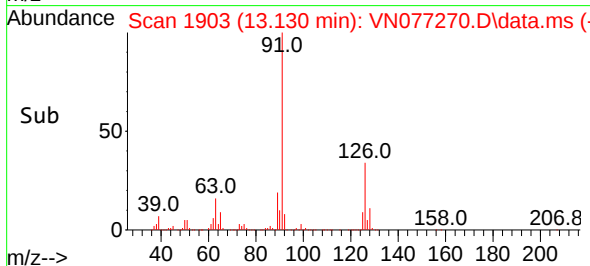
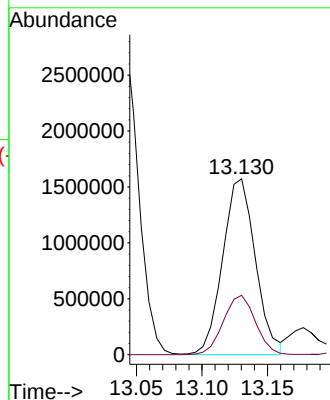
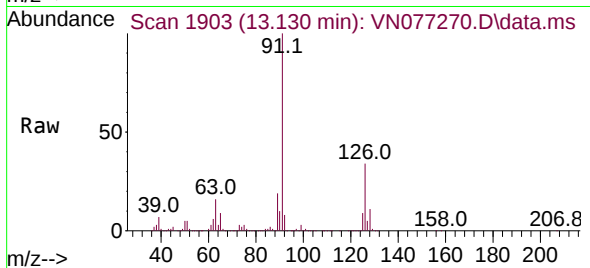
#75
2-Chlorotoluene
Concen: 104.961 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 272956
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.4

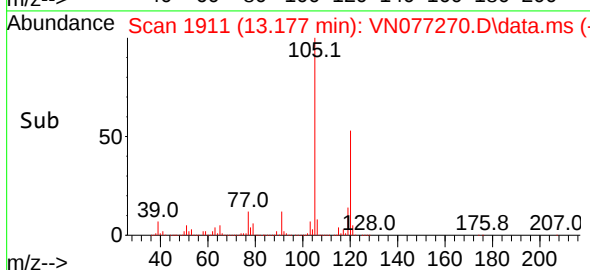
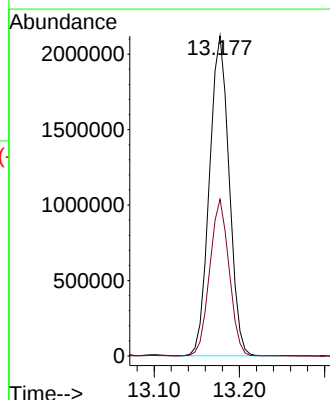
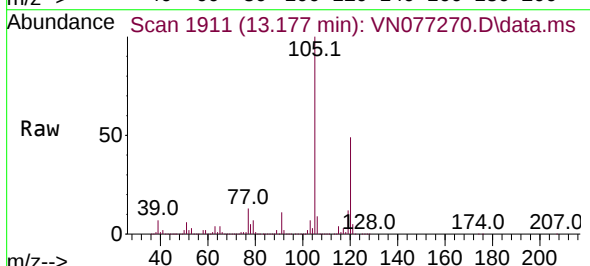
Manual Integrations
APPROVED

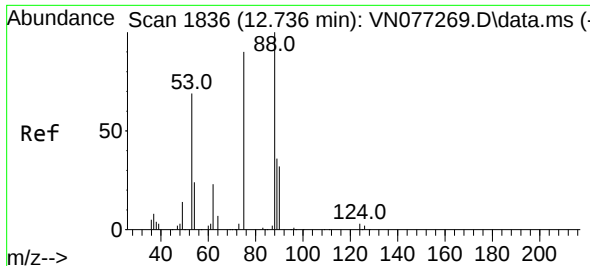
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 110.399 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

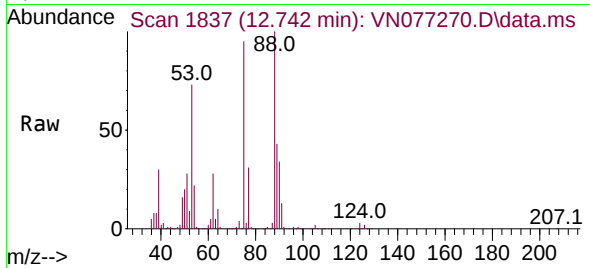
Tgt Ion:105 Resp: 3404205
Ion Ratio Lower Upper
105 100
120 48.1 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 153.386 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

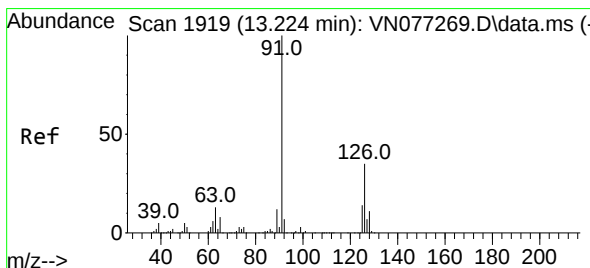
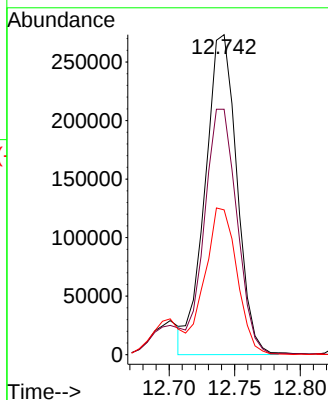
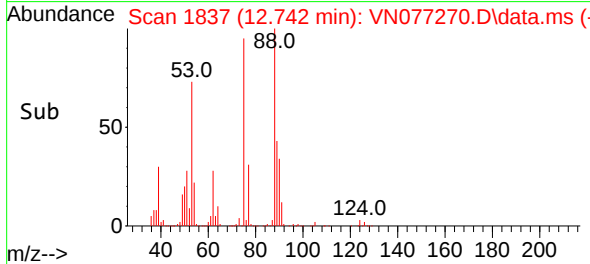
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 461378
Ion Ratio Lower Upper
75 100
53 76.7 50.4 151.3
89 45.3 22.1 66.5

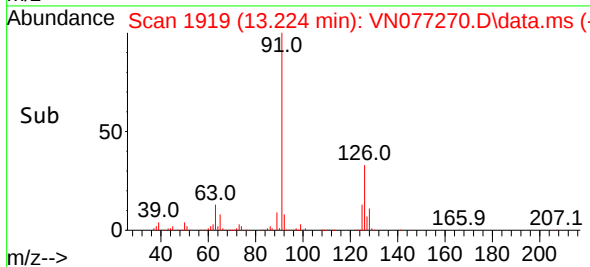
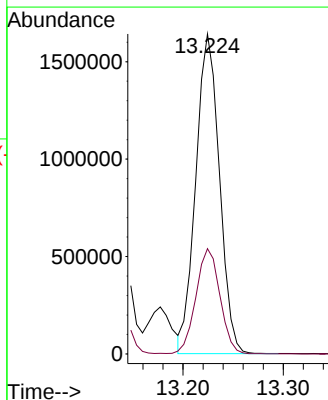
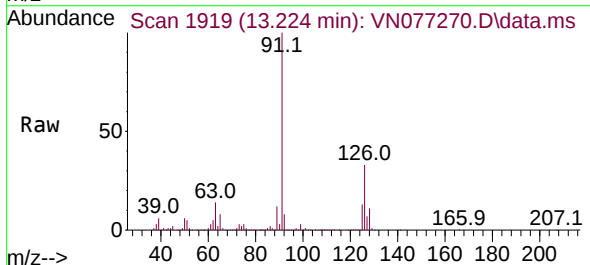
Manual Integrations
APPROVED

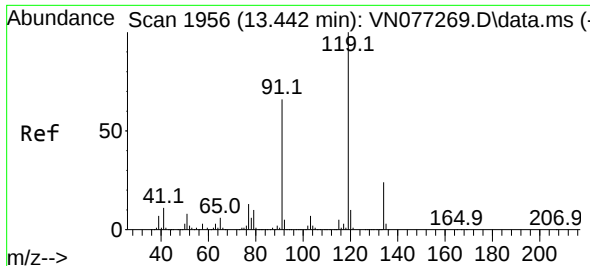
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 107.320 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

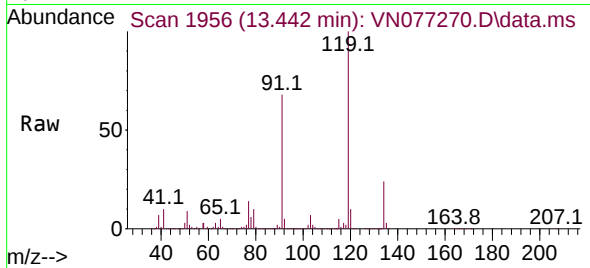
Tgt Ion: 91 Resp: 2690349
Ion Ratio Lower Upper
91 100
126 33.2 0.0 70.6





#79
tert-butylbenzene
Concen: 111.573 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

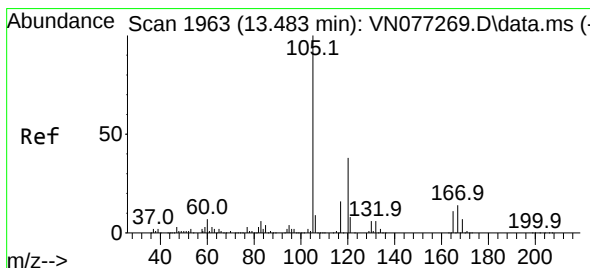
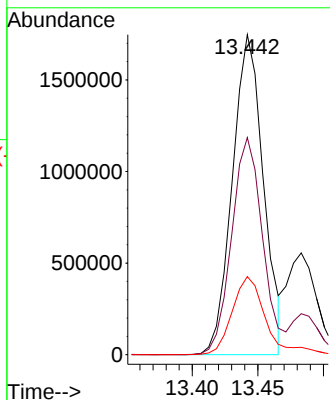
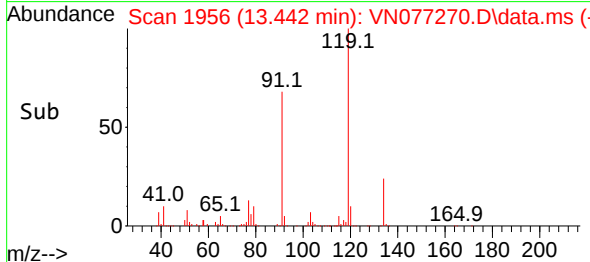
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



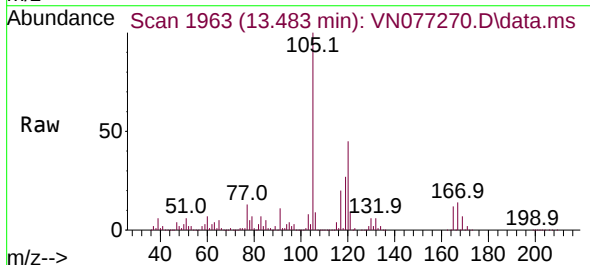
Tgt Ion:119 Resp: 2877068
Ion Ratio Lower Upper
119 100
91 68.3 0.0 129.6
134 25.1 0.0 47.8

Manual Integrations
APPROVED

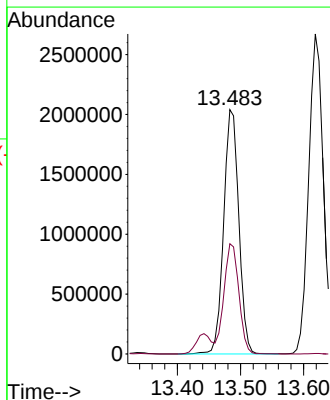
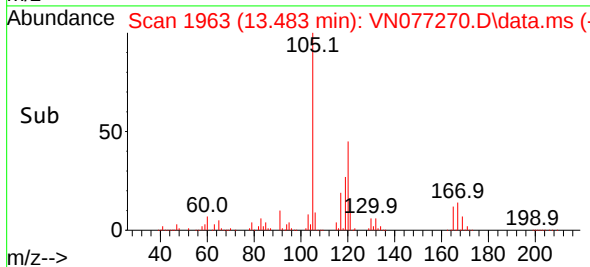
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

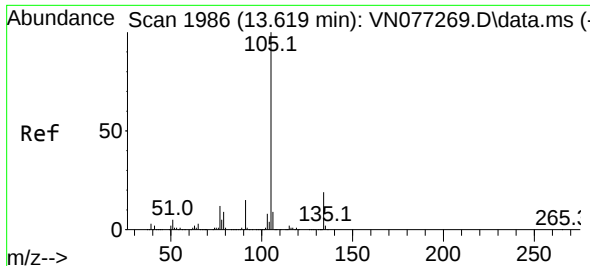


#80
1,2,4-Trimethylbenzene
Concen: 112.121 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



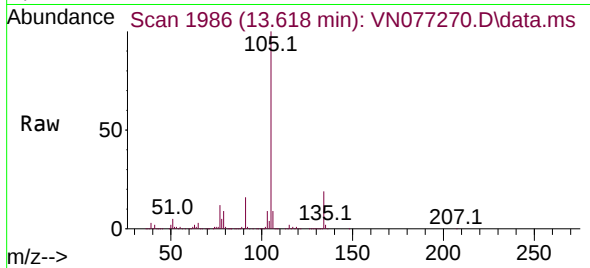
Tgt Ion:105 Resp: 3397639
Ion Ratio Lower Upper
105 100
120 44.0 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 116.228 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46

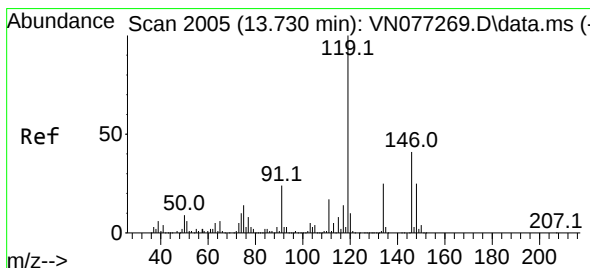
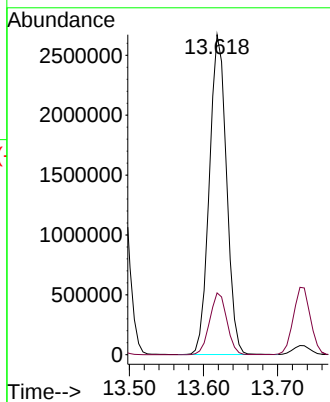
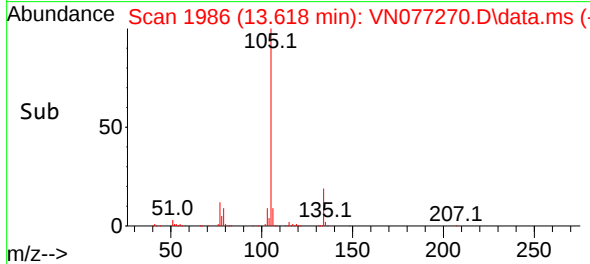
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



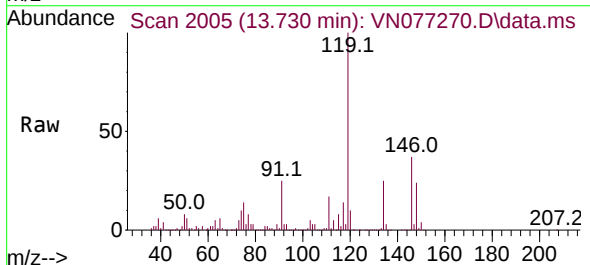
Tgt Ion:105 Resp: 4288114
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
 APPROVED

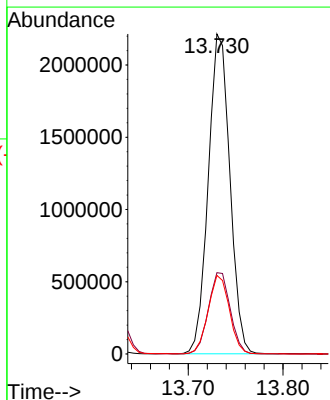
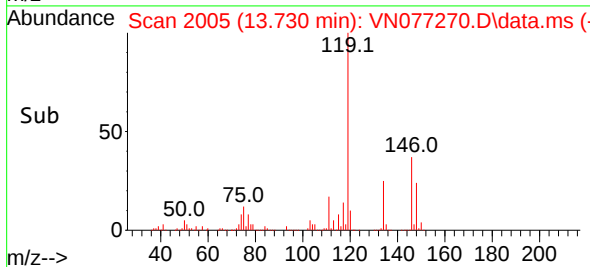
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

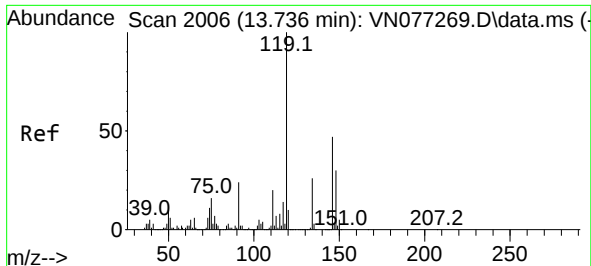


#82
 p-Isopropyltoluene
 Concen: 117.508 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077270.D
 Acq: 07 Apr 2023 10:46



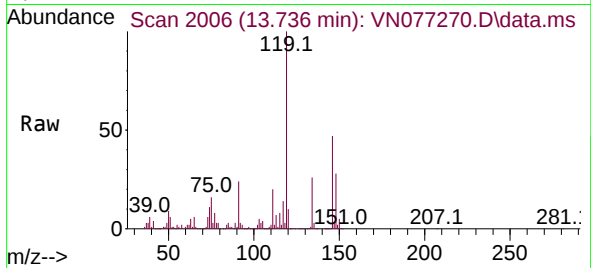
Tgt Ion:119 Resp: 3503891
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.4
 91 24.1 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 110.328 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

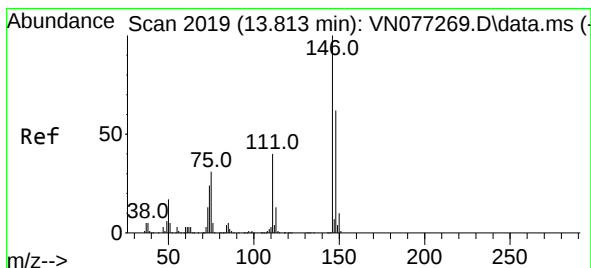
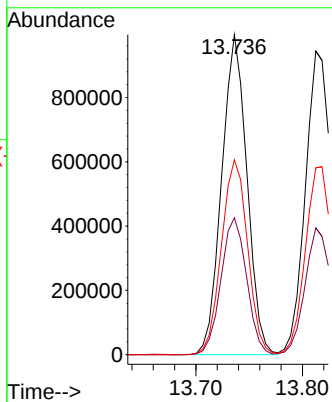
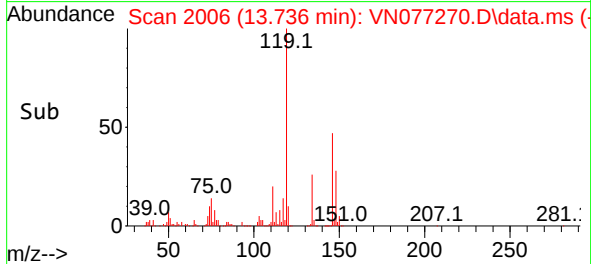
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



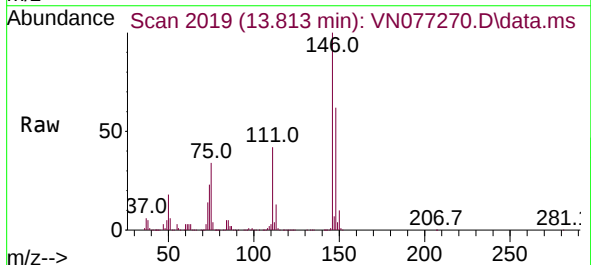
Tgt Ion:146 Resp: 164113
Ion Ratio Lower Upper
146 100
111 43.3 20.3 60.8
148 62.9 31.9 95.5

Manual Integrations
APPROVED

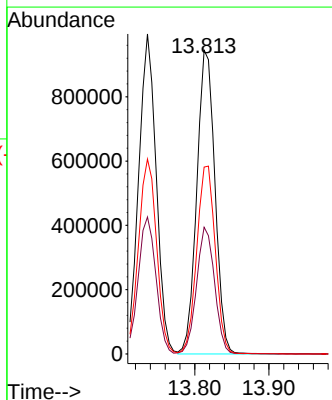
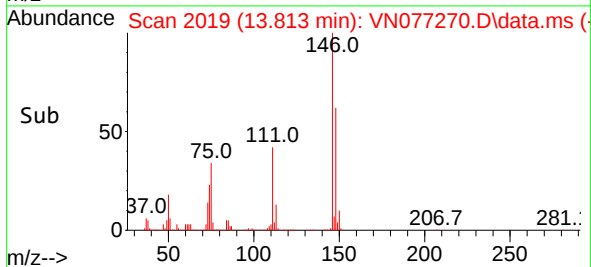
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

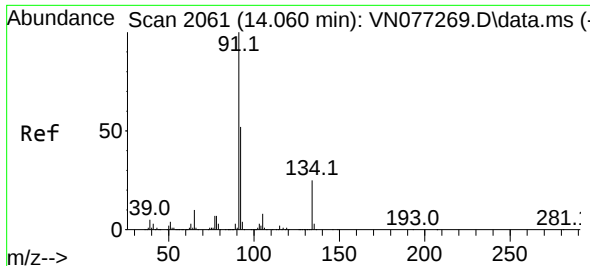


#84
1,4-Dichlorobenzene
Concen: 111.471 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



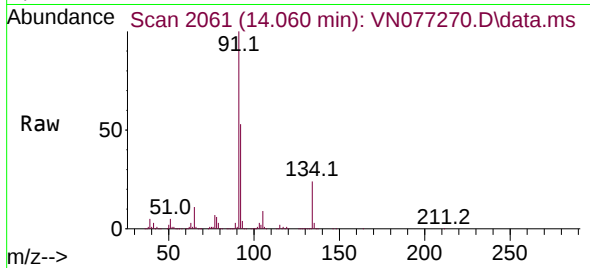
Tgt Ion:146 Resp: 1610654
Ion Ratio Lower Upper
146 100
111 41.4 18.2 54.6
148 63.1 31.1 93.2





#85
n-Butylbenzene
Concen: 123.722 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

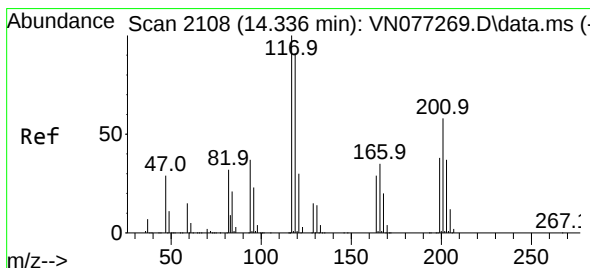
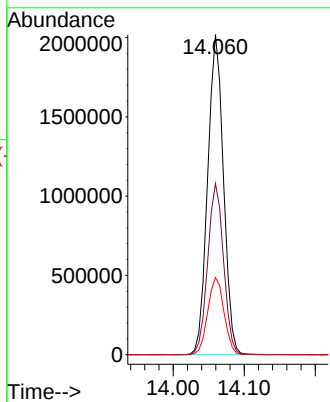
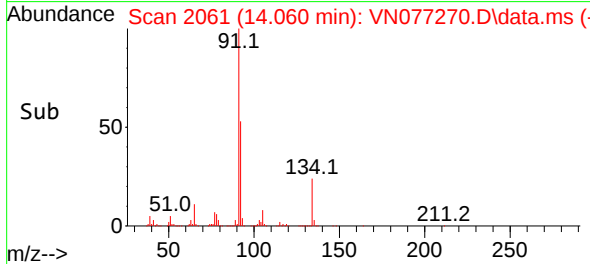
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 312704
Ion Ratio Lower Upper
91 100
92 53.5 0.0 103.2
134 24.8 0.0 50.0

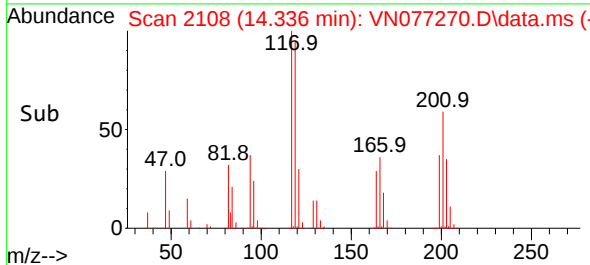
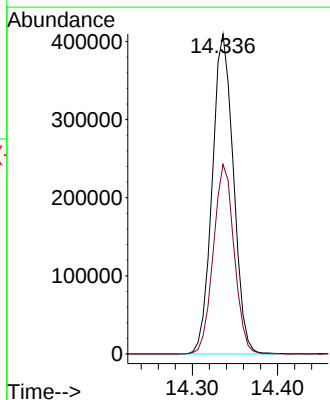
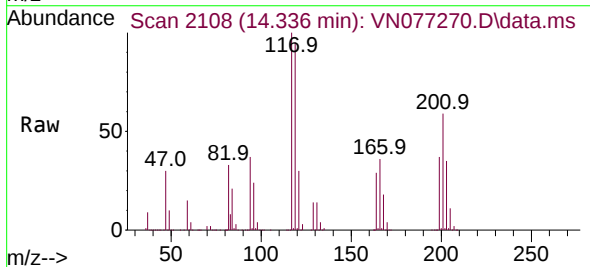
Manual Integrations
APPROVED

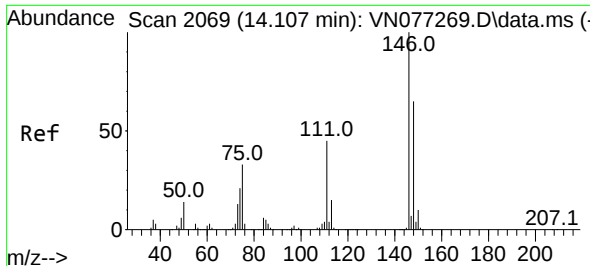
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#86
Hexachloroethane
Concen: 132.996 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Tgt Ion:117 Resp: 708070
Ion Ratio Lower Upper
117 100
201 58.2 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 108.080 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 160322

Ion Ratio Lower Upper

146 100

111 44.9 20.5 61.6

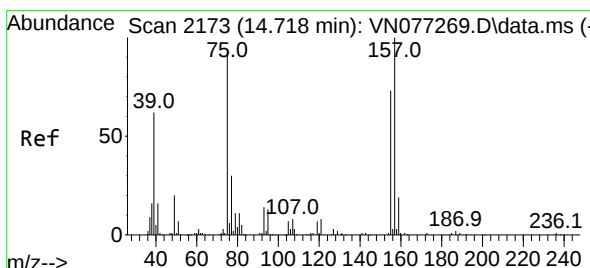
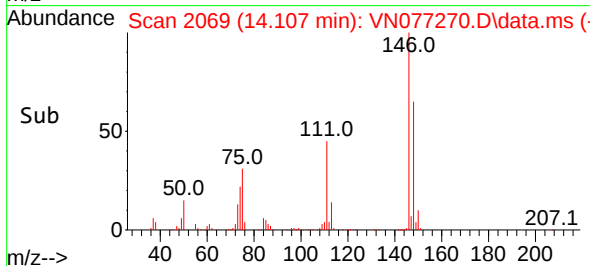
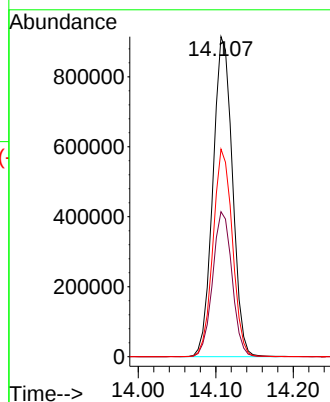
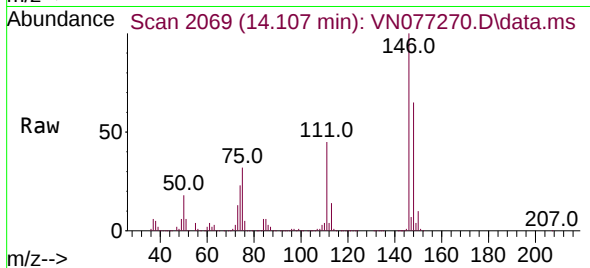
148 64.3 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 118.789 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077270.D

Acq: 07 Apr 2023 10:46

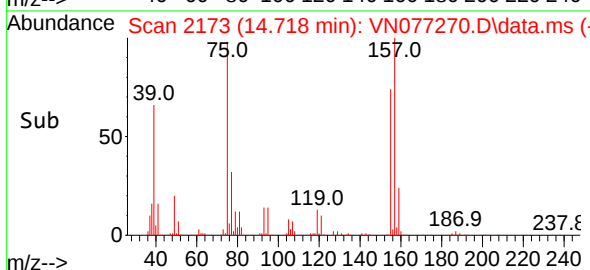
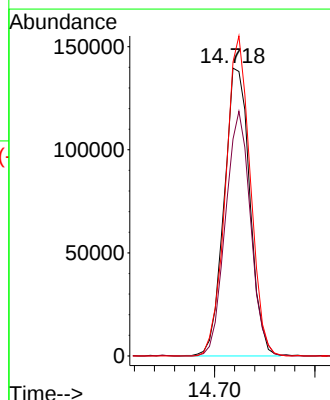
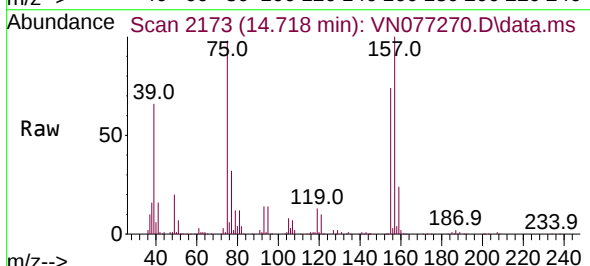
Tgt Ion: 75 Resp: 248525

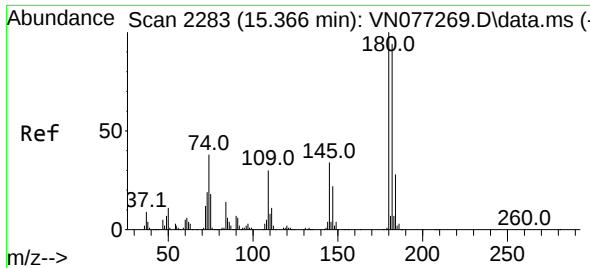
Ion Ratio Lower Upper

75 100

155 82.8 62.5 93.7

157 106.7 77.5 116.3





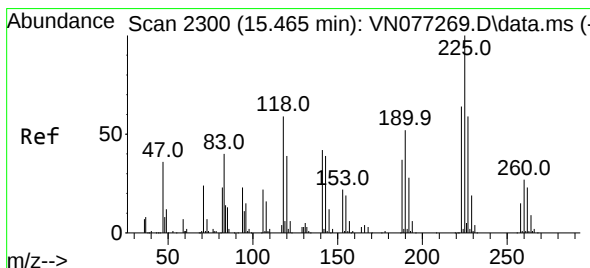
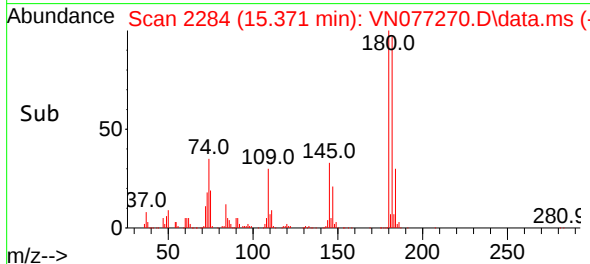
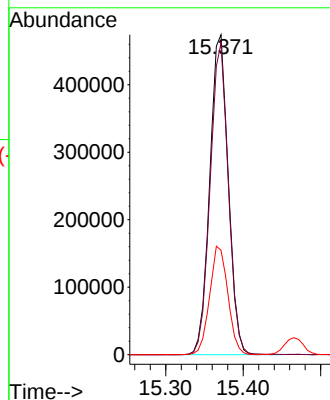
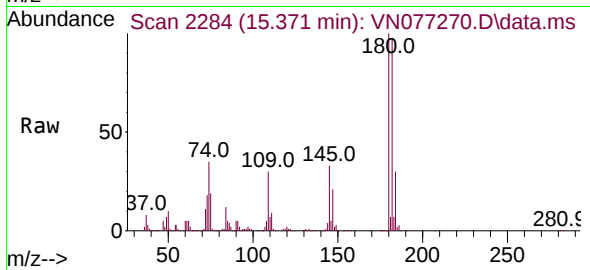
#89
1,2,4-Trichlorobenzene
Concen: 99.343 ug/l
RT: 15.371 min Scan# 211
Delta R.T. -0.024 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 786093
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 33.5 24.6 36.8

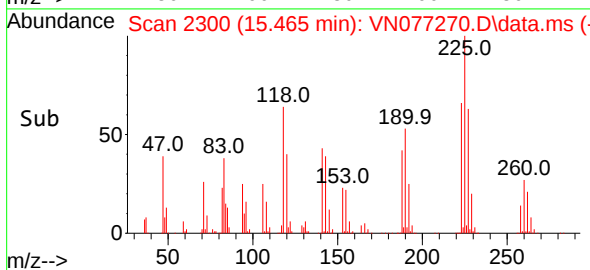
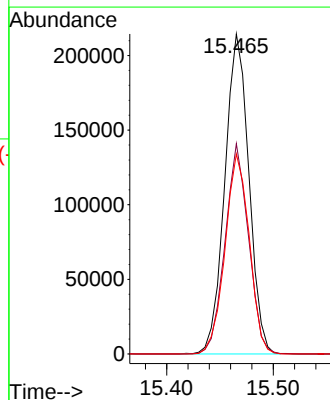
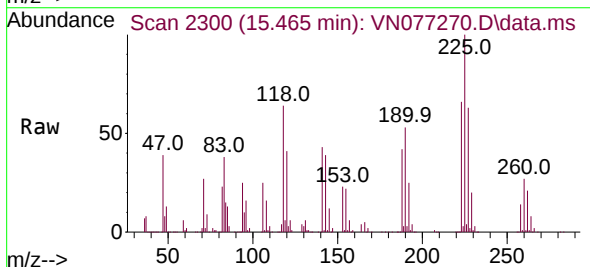
Manual Integrations
APPROVED

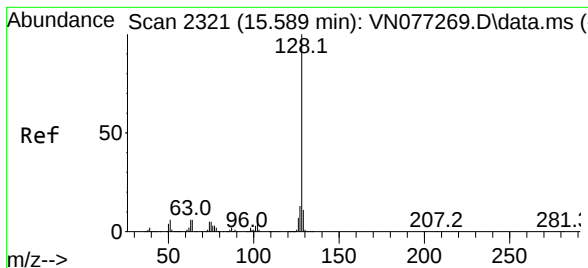
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#90
Hexachlorobutadiene
Concen: 80.735 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. -0.036 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

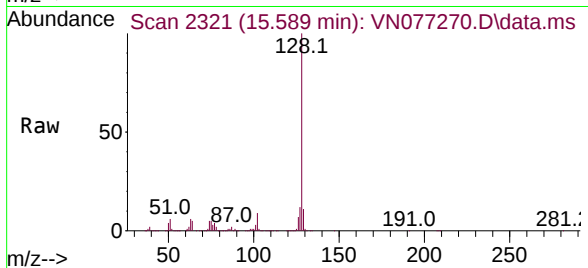
Tgt Ion:225 Resp: 336799
Ion Ratio Lower Upper
225 100
223 63.9 0.0 135.4
227 62.7 0.0 129.4





#91
Naphthalene
Concen: 118.737 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46

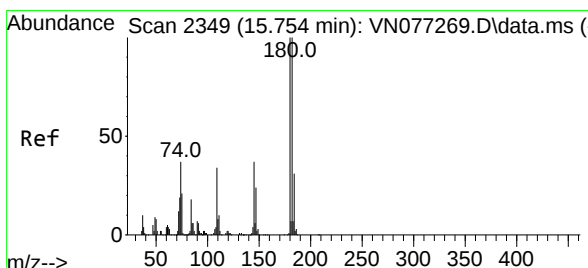
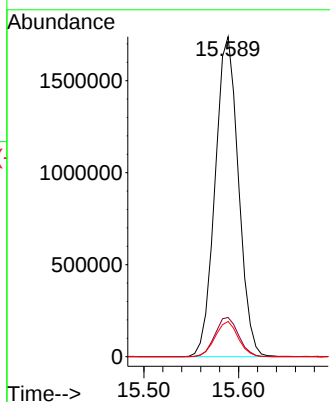
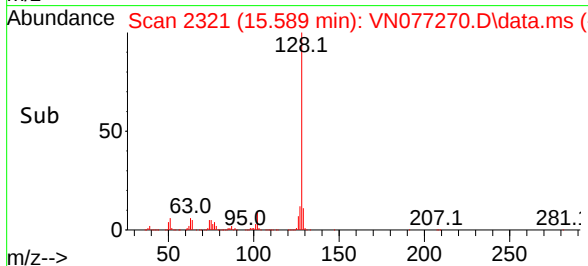
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



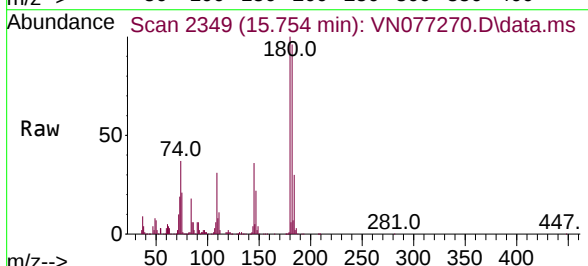
Tgt Ion:128 Resp: 2980010
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.6
129 10.9 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 94.254 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077270.D
Acq: 07 Apr 2023 10:46



Tgt Ion:180 Resp: 747686
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.8
145 35.1 0.0 65.0

