

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015998.D
 Acq On : 17 Oct 2023 12:06
 Operator : SY/MD
 Sample : VY1017SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:05:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	194029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	289709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100254	45.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.540%		
35) Dibromofluoromethane	7.728	113	96210	49.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.340%		
50) Toluene-d8	10.185	98	369522	50.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.880%		
62) 4-Bromofluorobenzene	12.489	95	128733	49.838	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30063	18.517	ug/l	97
3) Chloromethane	2.113	50	44026	14.211	ug/l	98
4) Vinyl Chloride	2.253	62	42767	20.592	ug/l	98
5) Bromomethane	2.662	94	28983	24.672	ug/l	96
6) Chloroethane	2.796	64	23892	17.801	ug/l	99
7) Trichlorofluoromethane	3.119	101	80565	22.870	ug/l	97
8) Diethyl Ether	3.540	74	25490	19.361	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	42910	21.423	ug/l	94
10) Methyl Iodide	4.088	142	49511	21.496	ug/l	98
11) Tert butyl alcohol	5.137	59	90296m	70.283	ug/l	
12) 1,1-Dichloroethene	3.863	96	40284	21.349	ug/l	91
13) Acrolein	3.753	56	40462	96.747	ug/l	96
14) Allyl chloride	4.479	41	67382	22.099	ug/l	91
15) Acrylonitrile	5.198	53	111678	96.290	ug/l	99
16) Acetone	3.997	43	124275	96.612	ug/l	93
17) Carbon Disulfide	4.186	76	115542	20.033	ug/l	100
18) Methyl Acetate	4.509	43	77056	17.270	ug/l #	91
19) Methyl tert-butyl Ether	5.247	73	126893	20.060	ug/l	97
20) Methylene Chloride	4.716	84	52006	18.565	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	45814	20.772	ug/l	92
22) Diisopropyl ether	6.143	45	123992	19.583	ug/l	90
23) Vinyl Acetate	6.076	43	382304	91.779	ug/l	96
24) 1,1-Dichloroethane	6.021	63	75534	20.050	ug/l	98
25) 2-Butanone	7.033	43	159521	85.208	ug/l	95
26) 2,2-Dichloropropane	6.984	77	62355	19.933	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	47718	19.241	ug/l	92
28) Bromochloromethane	7.344	49	33357	19.841	ug/l	95
29) Tetrahydrofuran	7.387	42	106530	83.011	ug/l	94
30) Chloroform	7.515	83	77741	19.882	ug/l	98
31) Cyclohexane	7.783	56	67606	19.179	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	69122	19.876	ug/l	98
36) 1,1-Dichloropropene	7.917	75	59385	20.318	ug/l	99
37) Ethyl Acetate	7.106	43	53613m	11.889	ug/l	
38) Carbon Tetrachloride	7.905	117	61790	20.074	ug/l	98
39) Methylcyclohexane	9.185	83	71946	19.186	ug/l	95
40) Benzene	8.167	78	170391	20.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	27345m	18.390	ug/l	
42) 1,2-Dichloroethane	8.246	62	52090	19.197	ug/l	92
43) Isopropyl Acetate	8.295	43	86209	17.794	ug/l	92
44) Trichloroethene	8.947	130	53831	20.656	ug/l	97
45) 1,2-Dichloropropane	9.228	63	44497	20.621	ug/l	97
46) Dibromomethane	9.313	93	28857	19.025	ug/l	94
47) Bromodichloromethane	9.502	83	62045	20.257	ug/l	95
48) Methyl methacrylate	9.307	41	36920	17.253	ug/l #	84
49) 1,4-Dioxane	9.374	88	20910m	494.329	ug/l	
51) 4-Methyl-2-Pentanone	10.087	43	397895	111.442	ug/l	91
52) Toluene	10.252	92	111637	20.648	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	66123	19.254	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	74657	20.223	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	44100	20.421	ug/l	97
56) Ethyl methacrylate	10.520	69	66493	19.669	ug/l	85
57) 1,3-Dichloropropane	10.801	76	73812	20.148	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	183426	123.644	ug/l	95
59) 2-Hexanone	10.843	43	346403	113.658	ug/l	89
60) Dibromochloromethane	10.990	129	49423	20.125	ug/l	99
61) 1,2-Dibromoethane	11.099	107	47717	20.421	ug/l	98
64) Tetrachloroethene	10.727	164	50501	19.996	ug/l	97
65) Chlorobenzene	11.520	112	121507	20.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	44126	19.637	ug/l	97
67) Ethyl Benzene	11.599	91	209704	19.757	ug/l	99
68) m/p-Xylenes	11.709	106	163356	39.881	ug/l	96
69) o-Xylene	12.038	106	78014	19.921	ug/l	96
70) Styrene	12.050	104	134276	20.147	ug/l	96
71) Bromoform	12.215	173	38132	19.927	ug/l #	98
73) Isopropylbenzene	12.337	105	205777	19.380	ug/l	99
74) N-amyl acetate	12.154	43	85296	19.884	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	61365	18.815	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	61266m	20.872	ug/l	
77) Bromobenzene	12.617	156	51671	19.385	ug/l	89
78) n-propylbenzene	12.678	91	255215	19.766	ug/l	99
79) 2-Chlorotoluene	12.764	91	141827	19.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	175458	19.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	24781	19.887	ug/l	92
82) 4-Chlorotoluene	12.861	91	150734	20.082	ug/l	100
83) tert-Butylbenzene	13.081	119	149034	19.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	175319	19.799	ug/l	99
85) sec-Butylbenzene	13.257	105	228077	19.826	ug/l	99
86) p-Isopropyltoluene	13.373	119	191603	19.931	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	101786	19.884	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	103746	20.070	ug/l	99
89) n-Butylbenzene	13.703	91	179822	19.892	ug/l	97
90) Hexachloroethane	13.965	117	36301	19.702	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	96777	20.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19279	20.664	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	60994	19.321	ug/l	98
94) Hexachlorobutadiene	15.117	225	31701	19.778	ug/l	97
95) Naphthalene	15.245	128	198036	19.337	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	58461	19.317	ug/l	98

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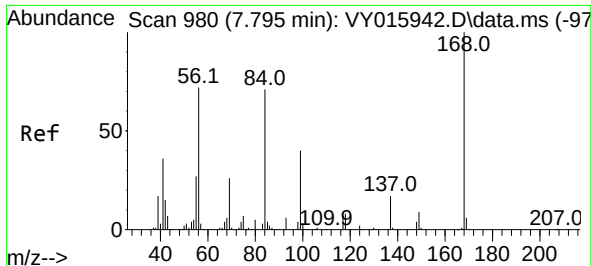
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

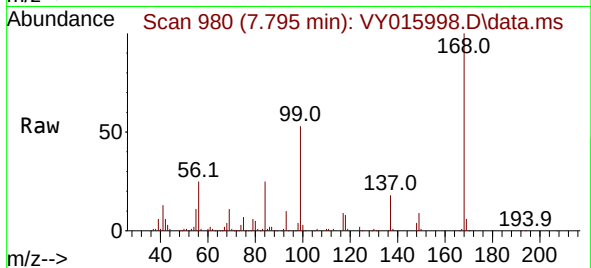
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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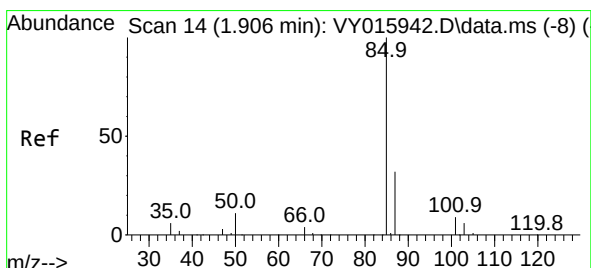
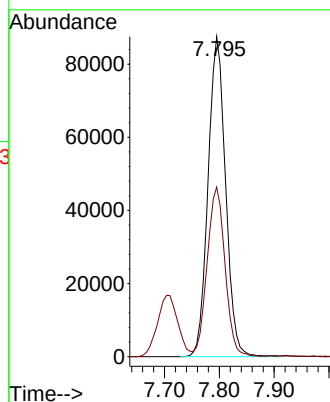
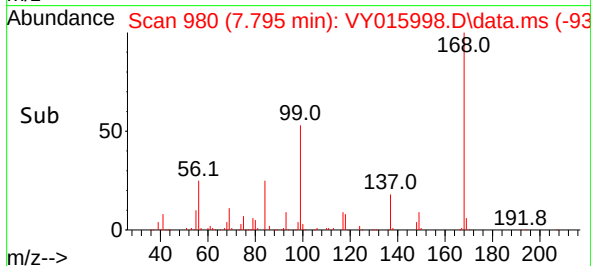
Instrument :
MSVOA_Y
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VY1017SBS02



Tgt Ion:168 Resp: 194029
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0

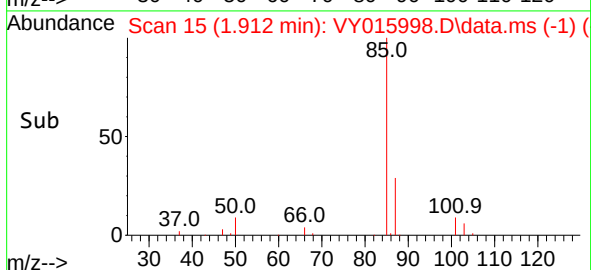
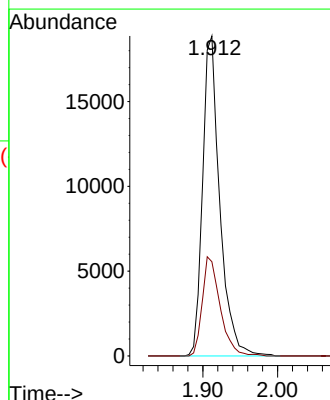
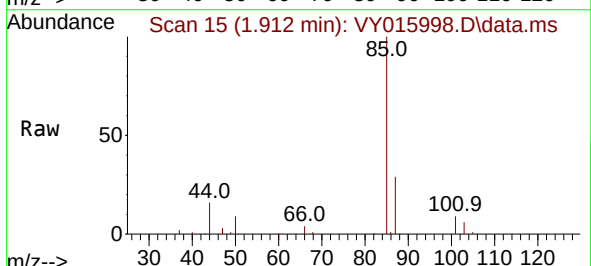
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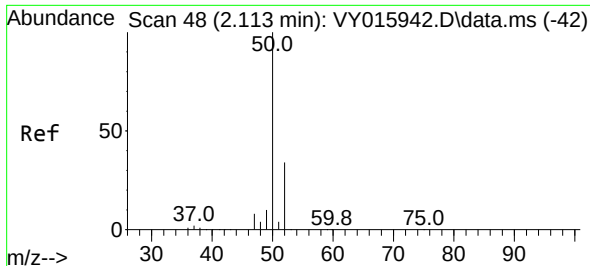
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 18.517 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

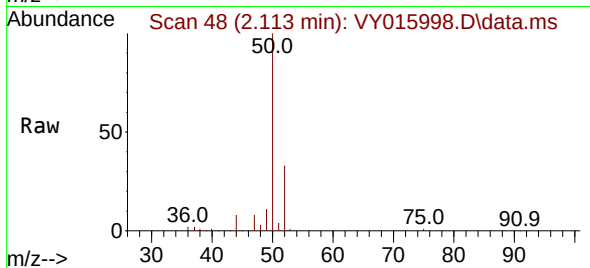
Tgt Ion: 85 Resp: 30063
Ion Ratio Lower Upper
85 100
87 29.5 15.6 46.8





#3
Chloromethane
Concen: 14.211 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

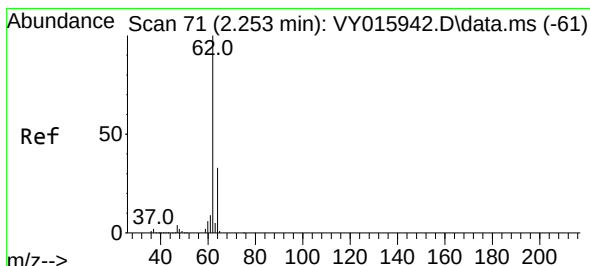
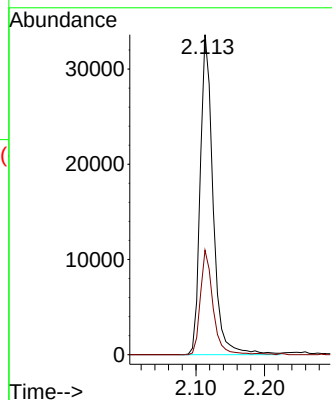
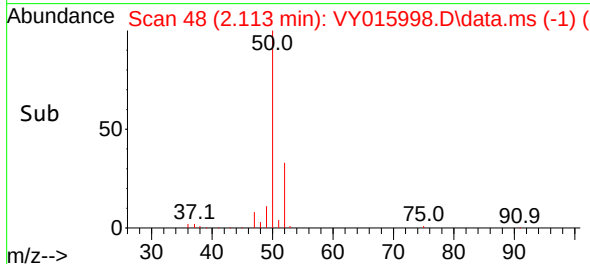
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Tgt Ion: 50 Resp: 44020
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

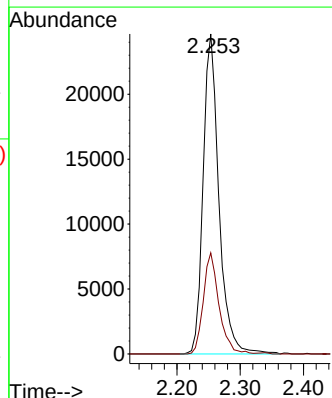
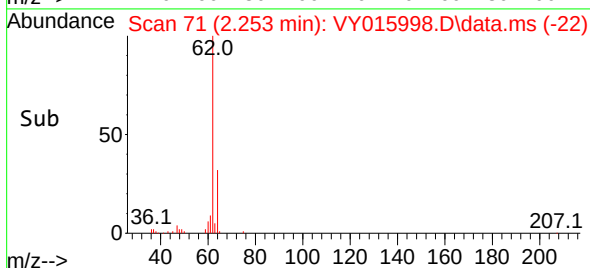
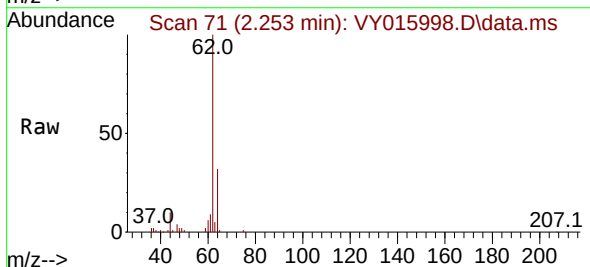
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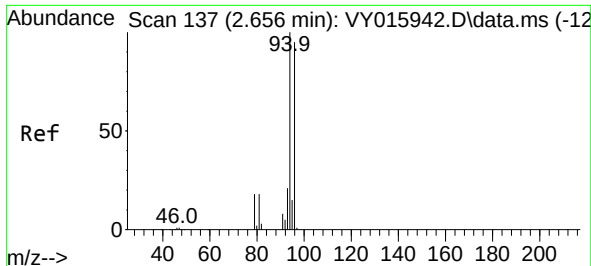
Reviewed By :John Carlone 10/18/2023
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#4
Vinyl Chloride
Concen: 20.592 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 62 Resp: 42767
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





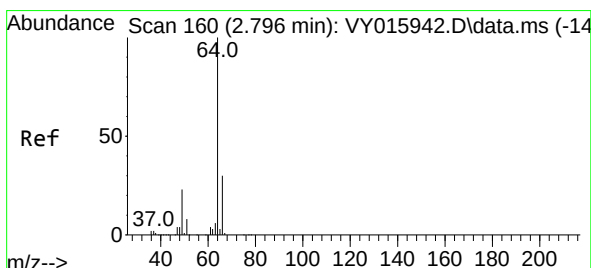
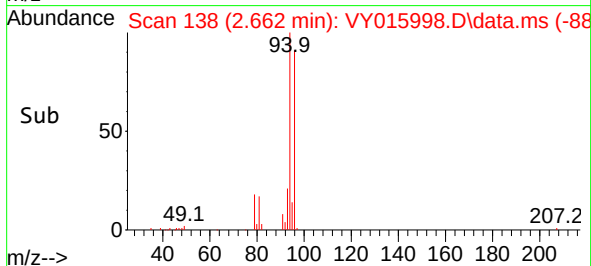
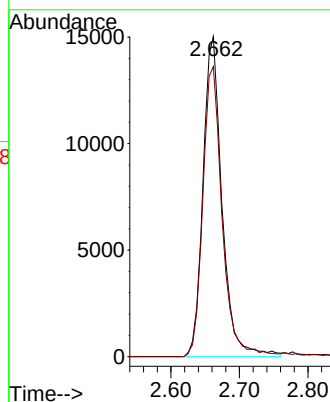
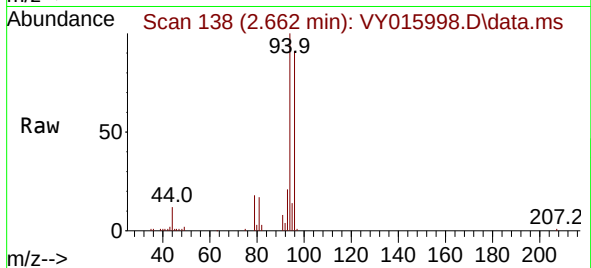
#5
Bromomethane
Concen: 24.672 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015998.D
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Tgt Ion: 94 Resp: 2898
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.6

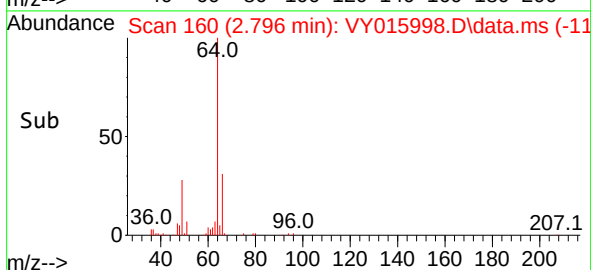
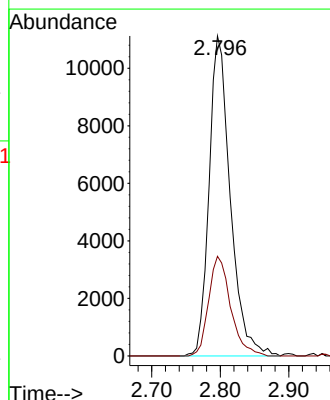
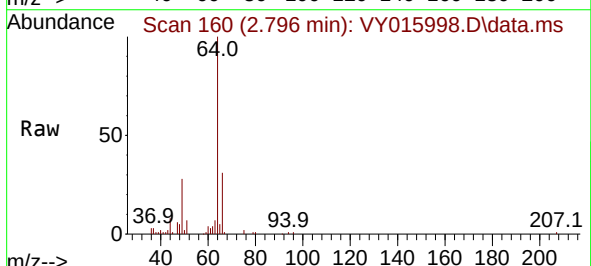
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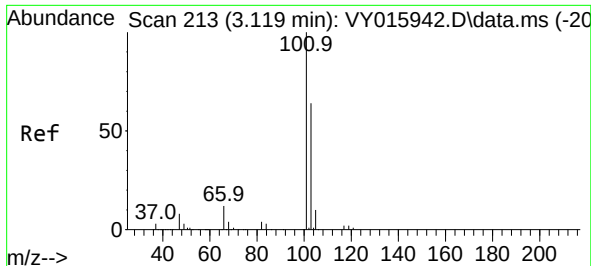
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 17.801 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015998.D
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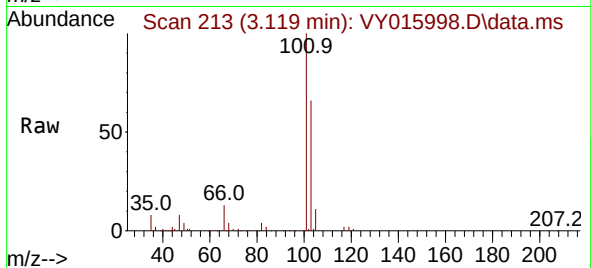
Tgt Ion: 64 Resp: 23892
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 22.870 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

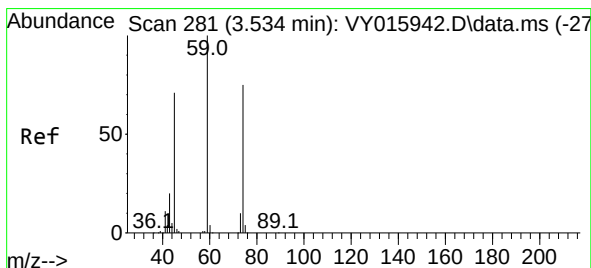
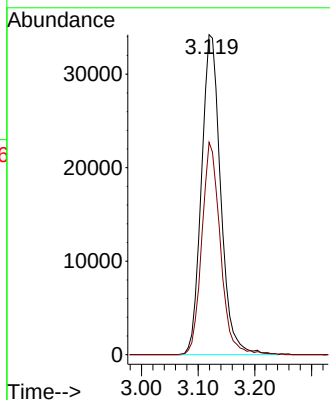
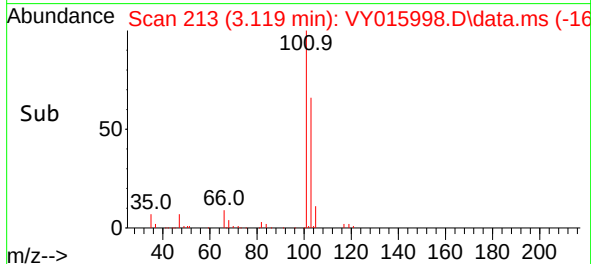
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 8056
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

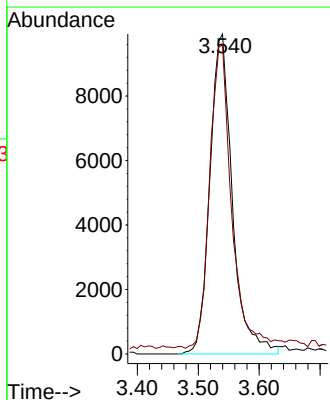
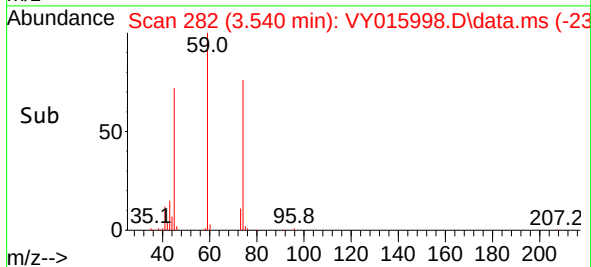
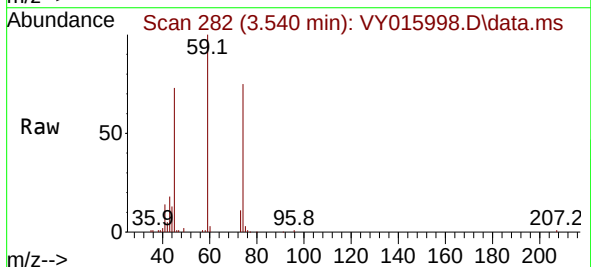
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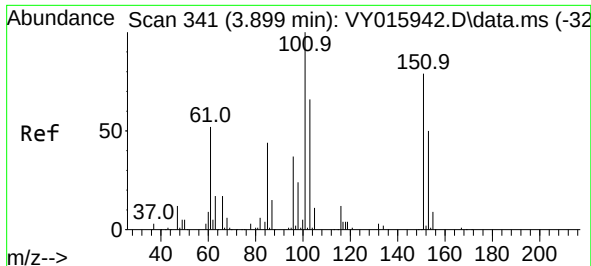
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 19.361 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 74 Resp: 25490
Ion Ratio Lower Upper
74 100
45 92.6 51.5 154.5





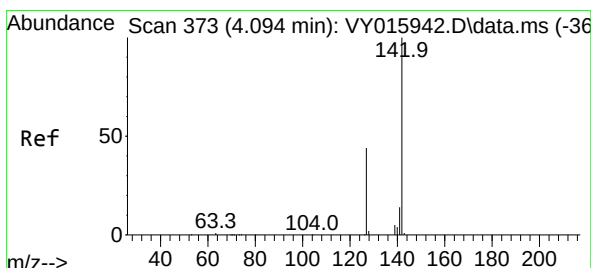
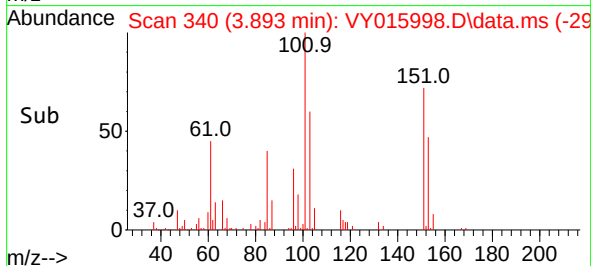
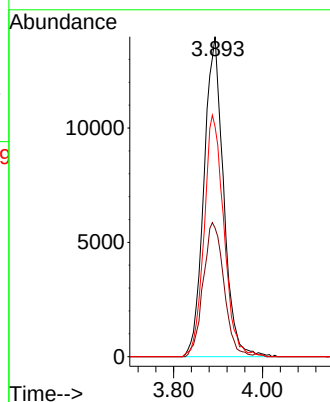
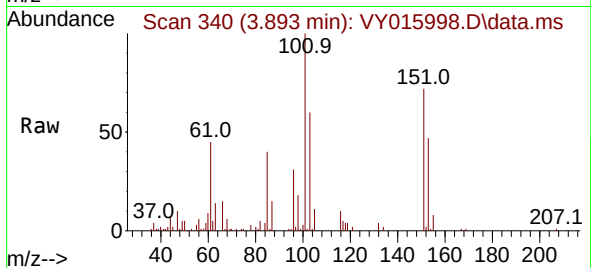
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.423 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion:101 Resp: 42910
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.3 67.0 100.6

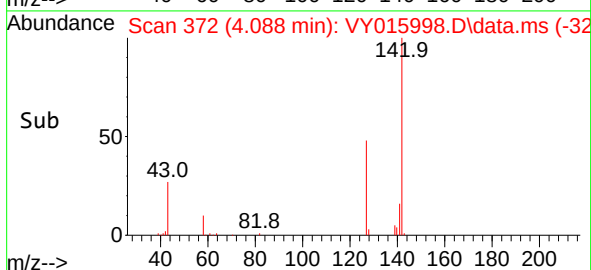
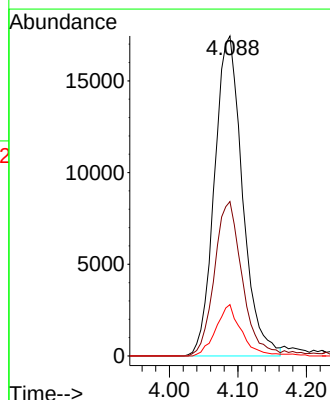
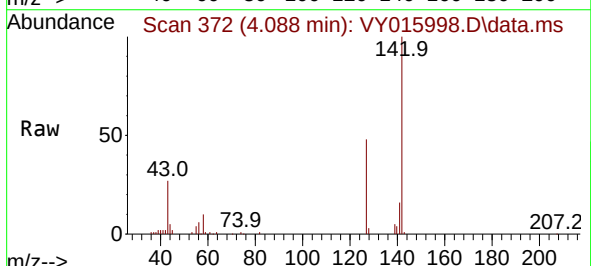
Manual Integrations
APPROVED

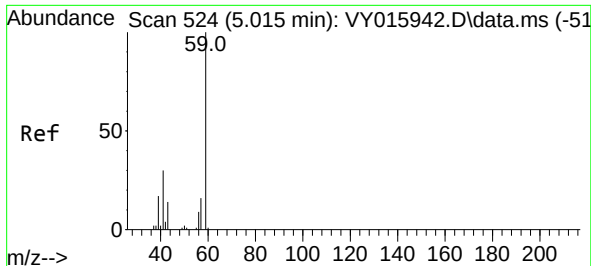
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 21.496 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

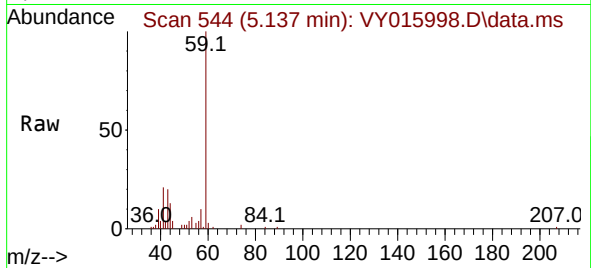
Tgt Ion:142 Resp: 49511
Ion Ratio Lower Upper
142 100
127 48.7 37.6 56.4
141 14.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 70.283 ug/l m
RT: 5.137 min Scan# 544
Delta R.T. 0.122 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

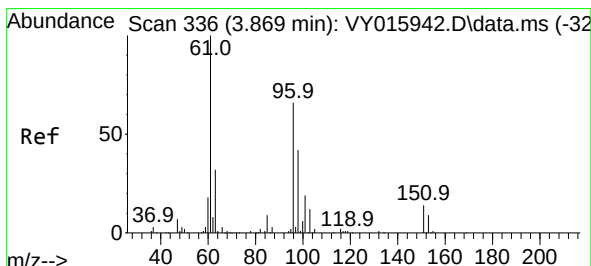
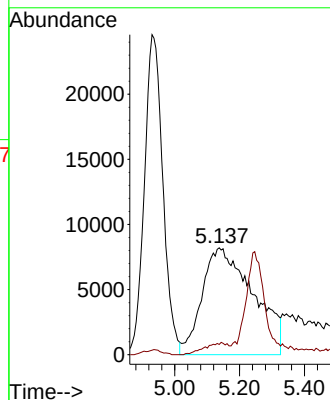
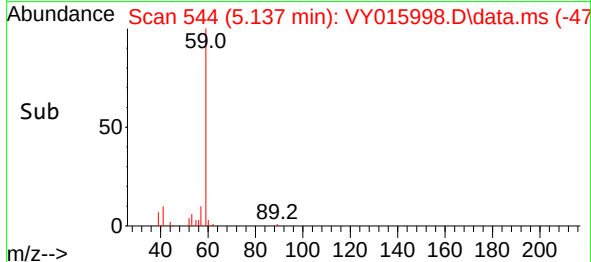
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 59 Resp: 90290
Ion Ratio Lower Upper
59 100
57 1.6 3.0 4.4

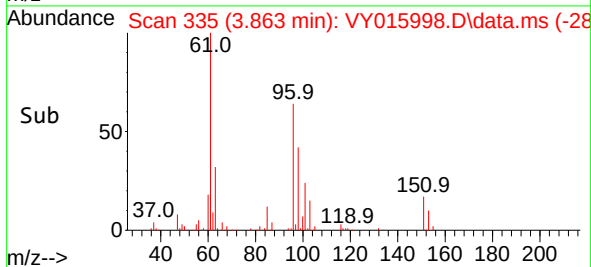
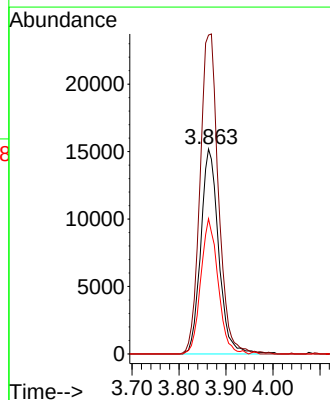
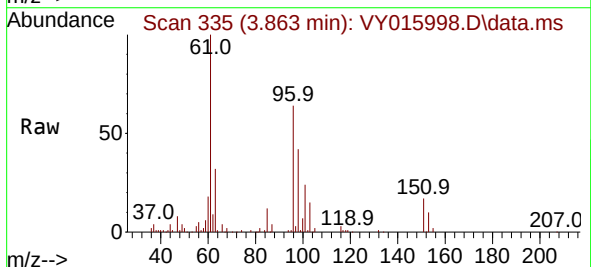
Manual Integrations
APPROVED

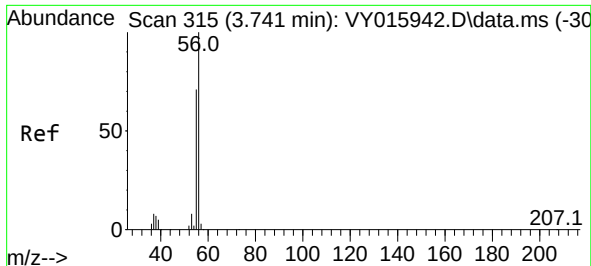
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 21.349 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 96 Resp: 40284
Ion Ratio Lower Upper
96 100
61 155.6 136.4 204.6
98 66.0 49.4 74.2





#13

Acrolein

Concen: 96.747 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion: 56 Resp: 40462

Ion Ratio Lower Upper

56 100

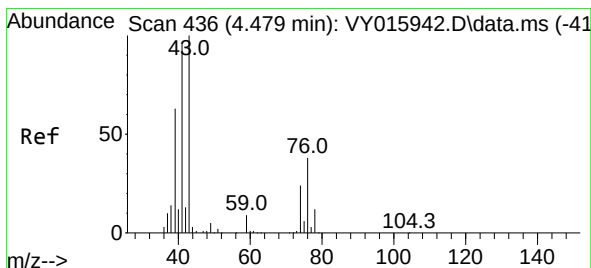
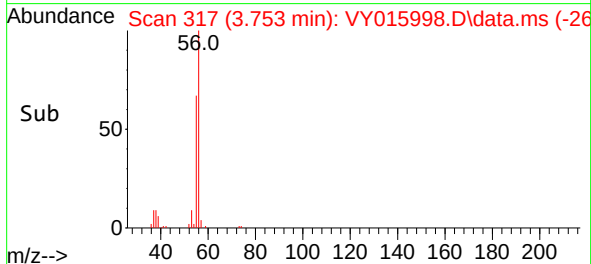
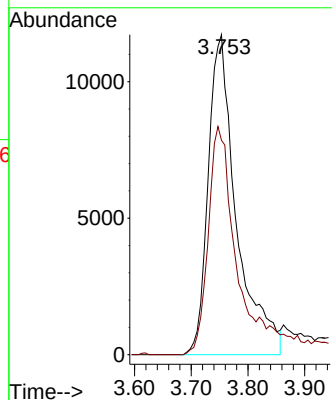
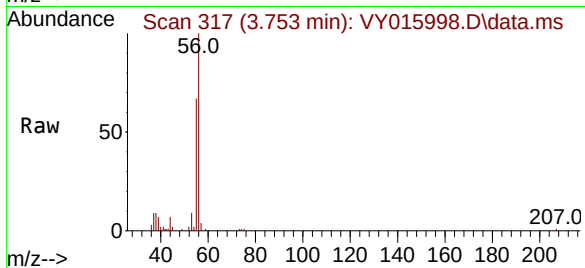
55 74.8 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#14

Allyl chloride

Concen: 22.099 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

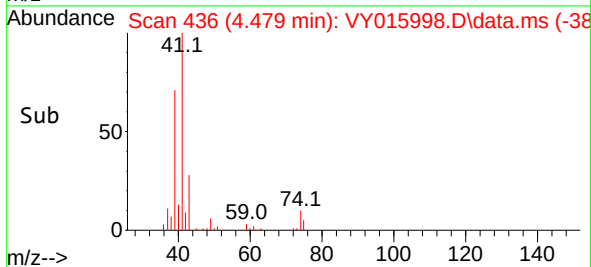
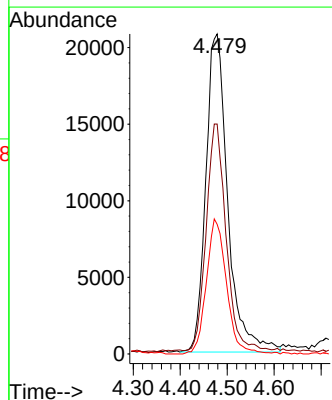
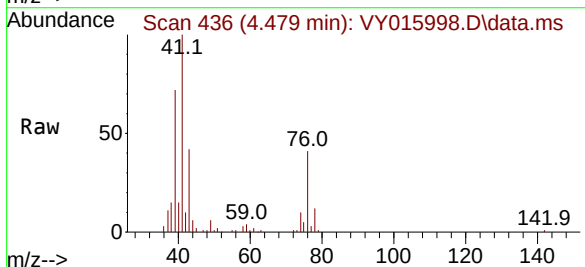
Tgt Ion: 41 Resp: 67382

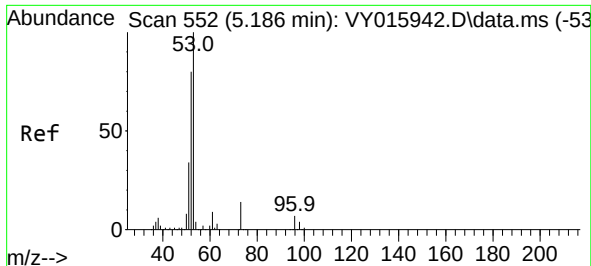
Ion Ratio Lower Upper

41 100

39 64.2 58.0 87.0

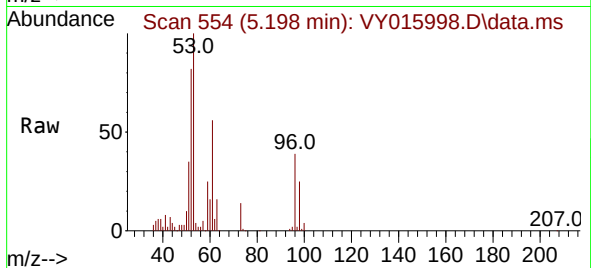
76 38.9 27.4 41.2





#15
Acrylonitrile
Concen: 96.290 ug/l
RT: 5.198 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

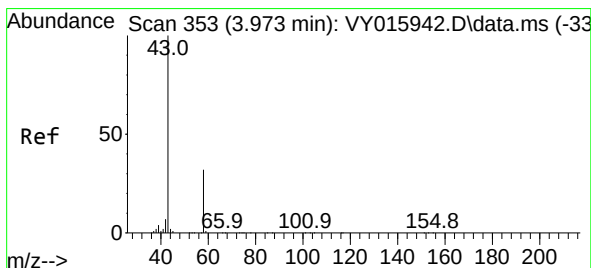
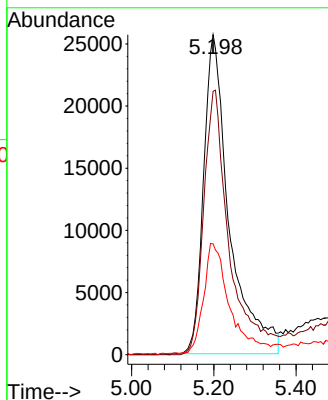
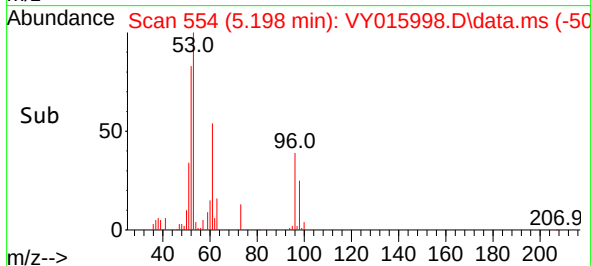
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 53 Resp: 111678
Ion Ratio Lower Upper
53 100
52 83.2 66.9 100.3
51 35.1 29.8 44.6

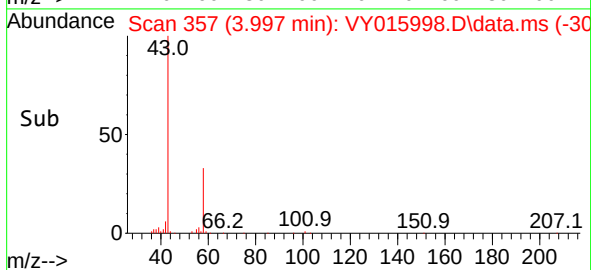
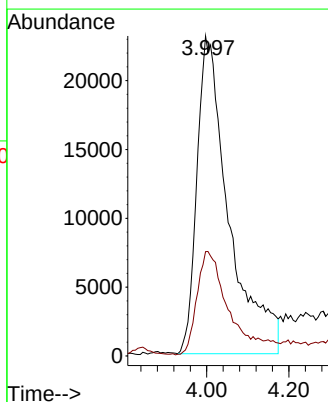
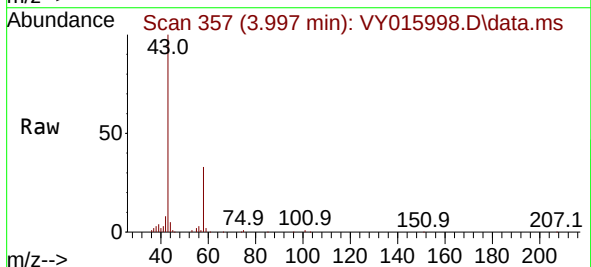
Manual Integrations
APPROVED

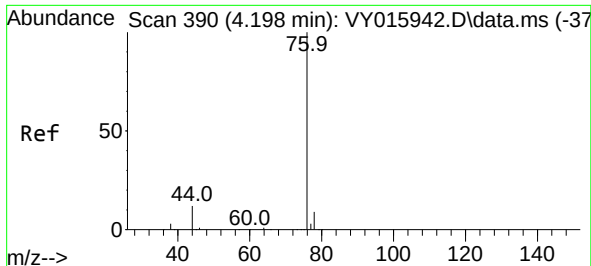
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 96.612 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 43 Resp: 124275
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





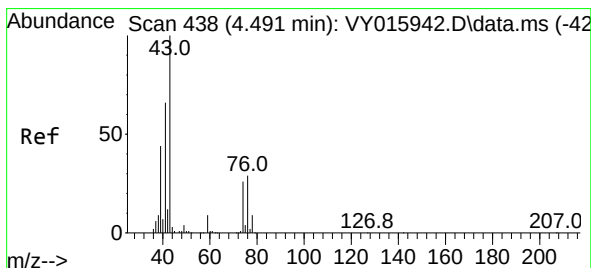
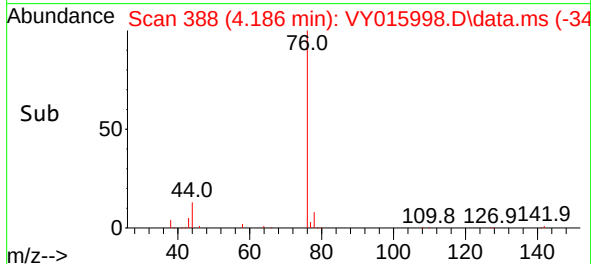
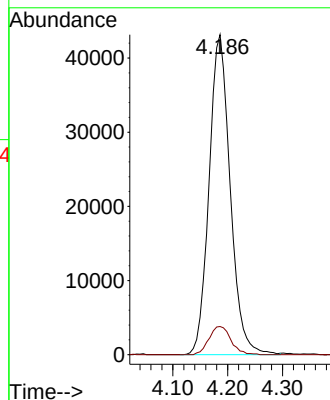
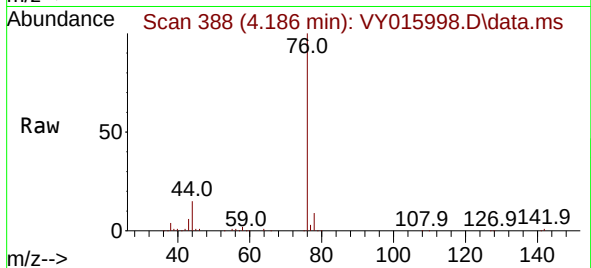
#17
Carbon Disulfide
Concen: 20.033 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 76 Resp: 11554
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

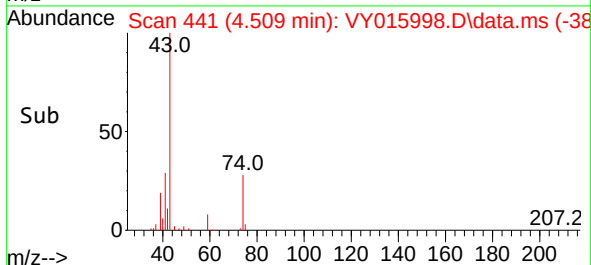
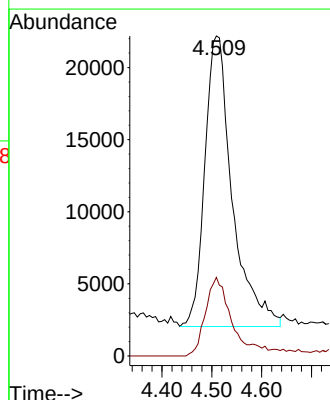
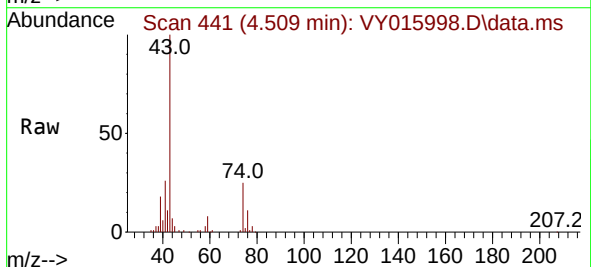
Manual Integrations
APPROVED

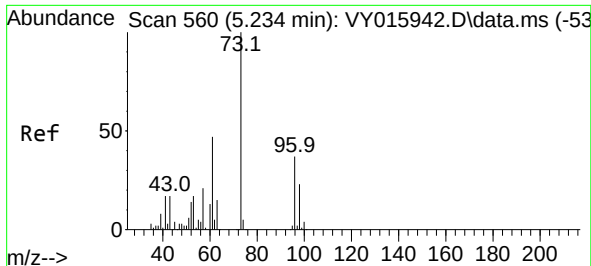
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 17.270 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

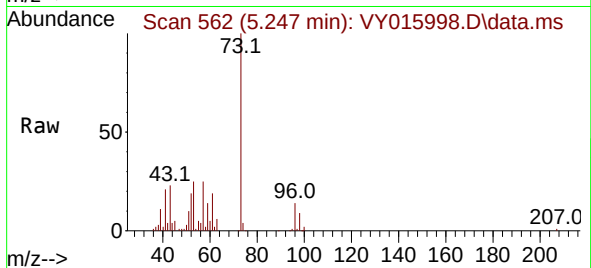
Tgt Ion: 43 Resp: 77056
Ion Ratio Lower Upper
43 100
74 26.2 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 20.060 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

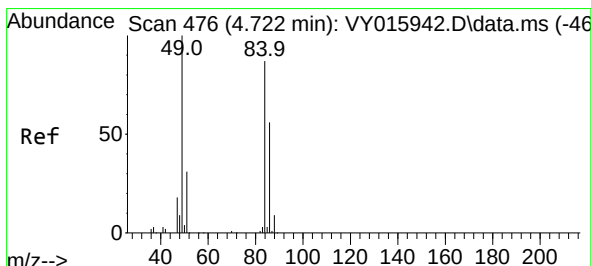
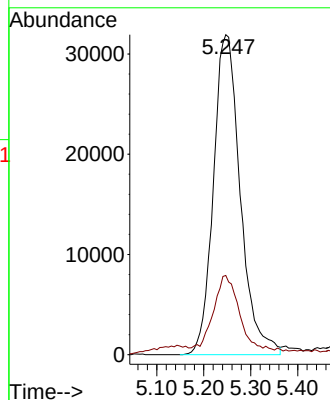
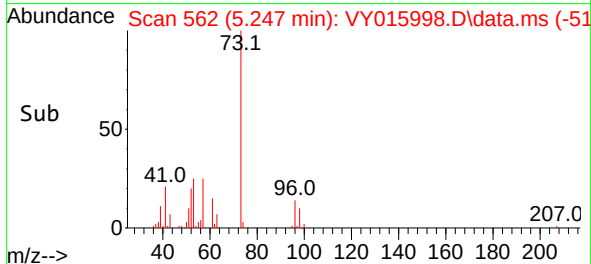
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 73 Resp: 12689
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

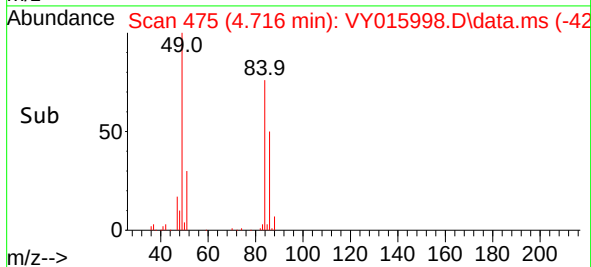
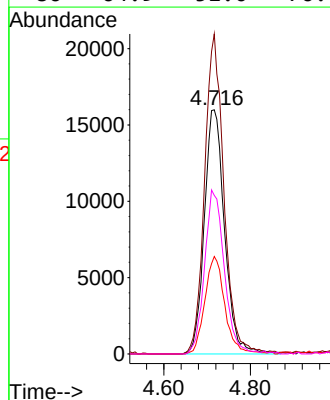
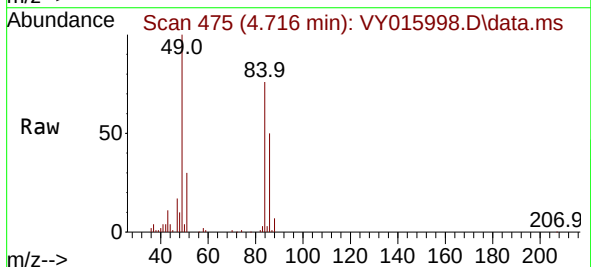
Manual Integrations
APPROVED

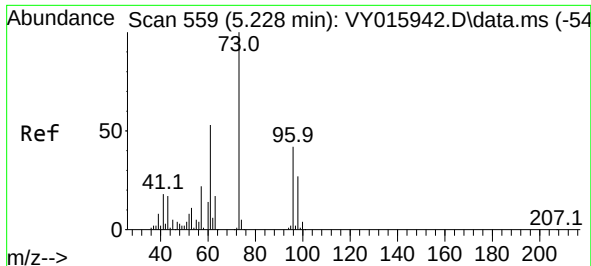
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 18.565 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

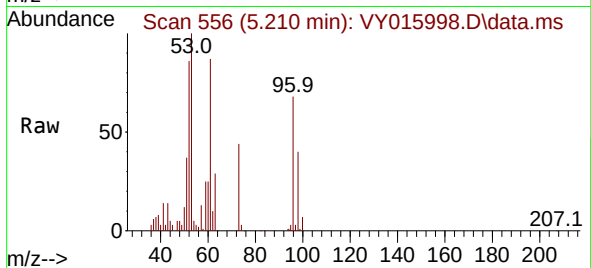
Tgt Ion: 84 Resp: 52006
Ion Ratio Lower Upper
84 100
49 131.0 106.9 160.3
51 39.9 33.2 49.8
86 64.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.772 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

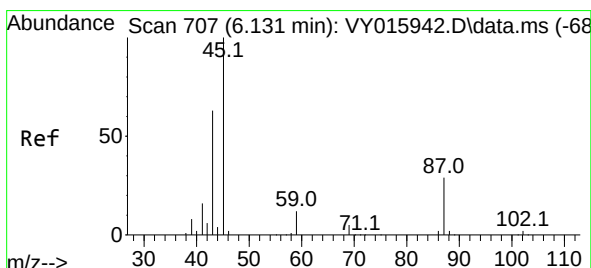
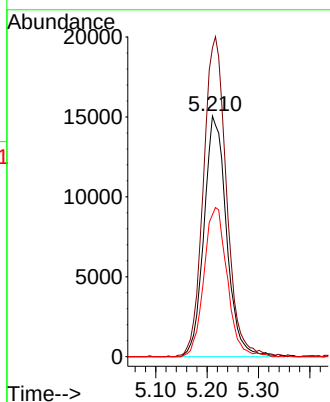
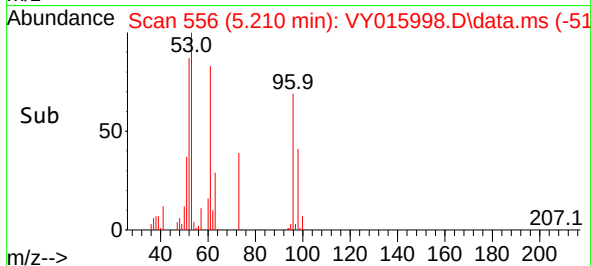
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 96 Resp: 45814
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 58.9 51.8 77.6

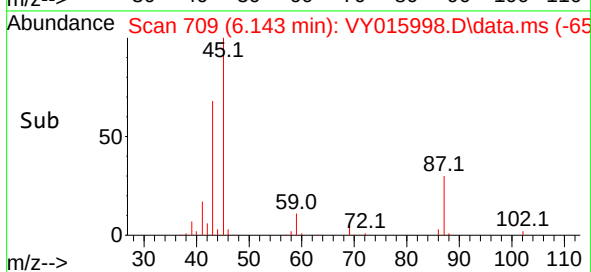
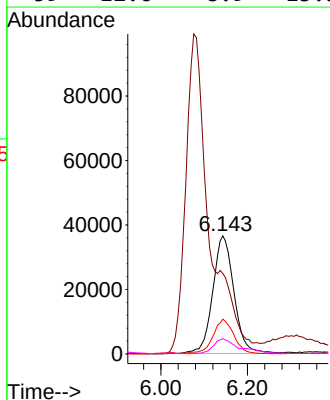
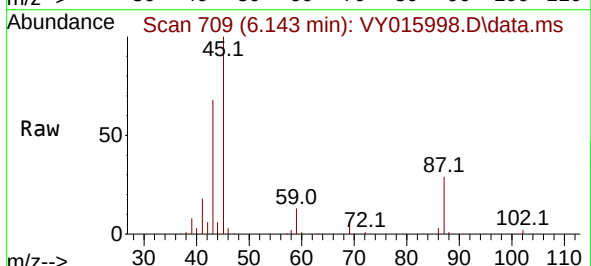
Manual Integrations
APPROVED

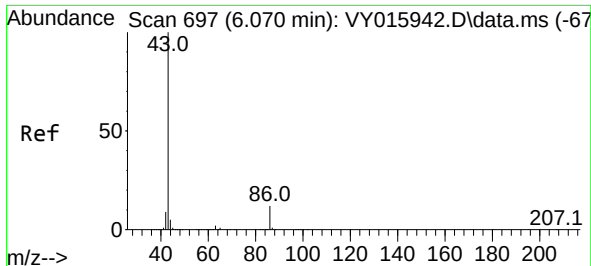
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 19.583 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

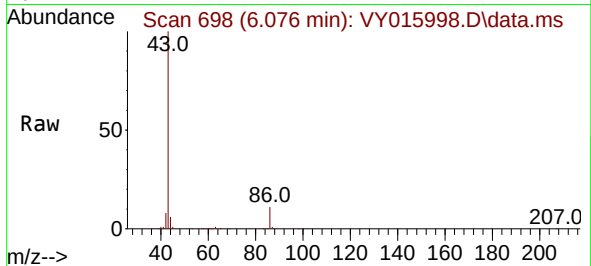
Tgt Ion: 45 Resp: 123992
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 29.3 21.0 31.6
59 12.6 8.9 13.3





#23
 Vinyl Acetate
 Concen: 91.779 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

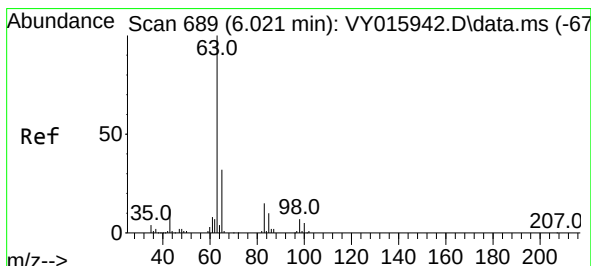
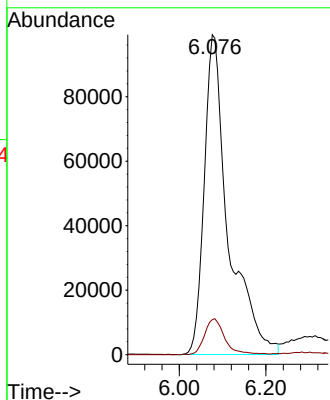
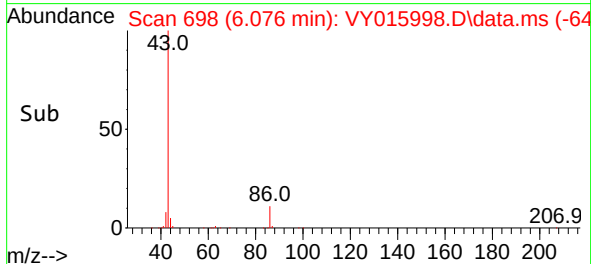
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS02



Tgt Ion: 43 Resp: 382304
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

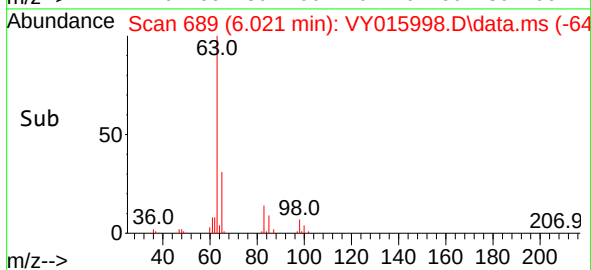
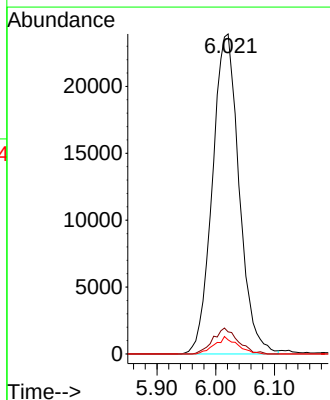
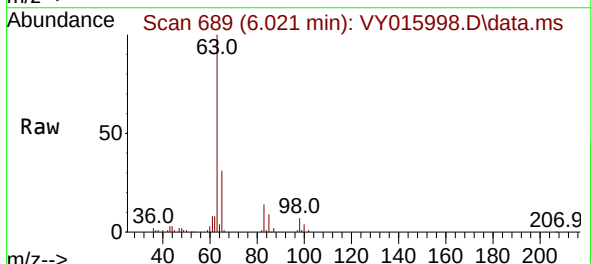
Manual Integrations
 APPROVED

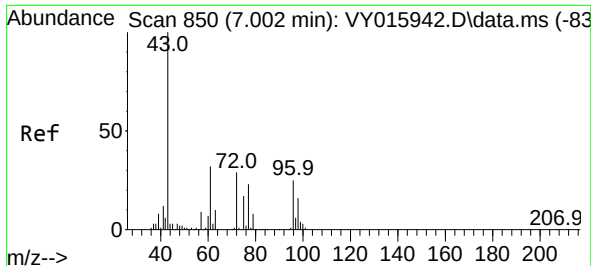
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 20.050 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

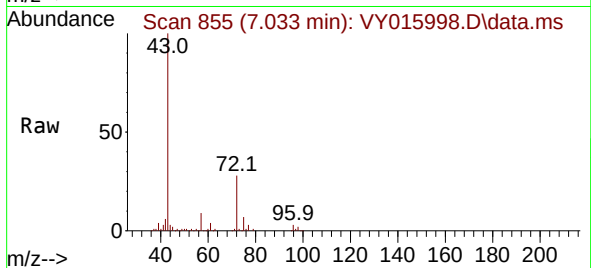
Tgt Ion: 63 Resp: 75534
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.4 1.8 5.5





#25
2-Butanone
Concen: 85.208 ug/l
RT: 7.033 min Scan# 850
Delta R.T. 0.031 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

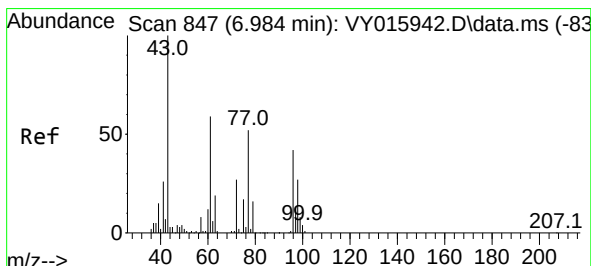
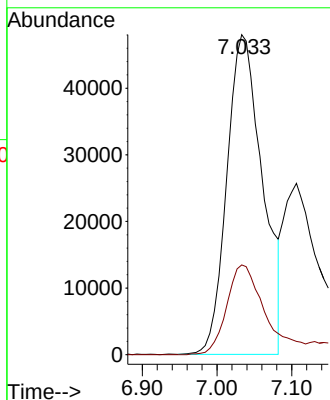
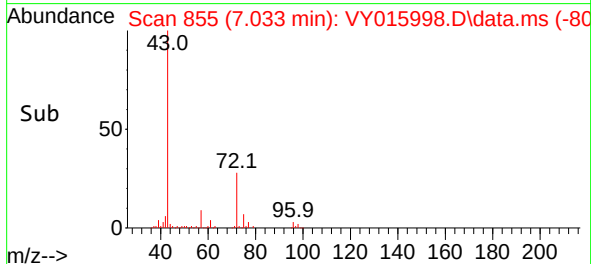
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 43 Resp: 15952
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7

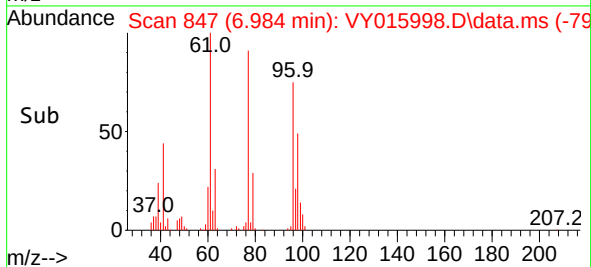
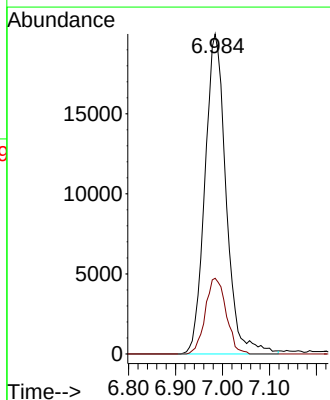
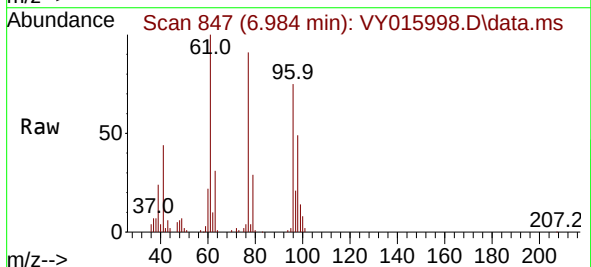
Manual Integrations
APPROVED

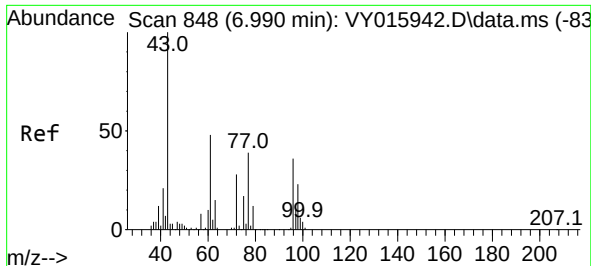
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 19.933 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 77 Resp: 62355
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.241 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015998.D

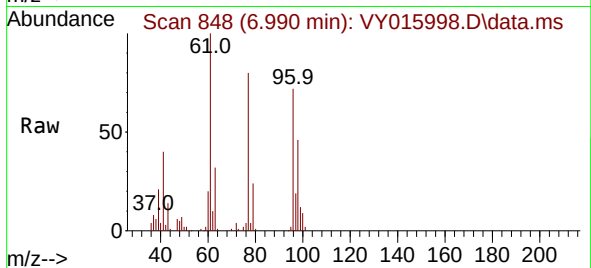
Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02



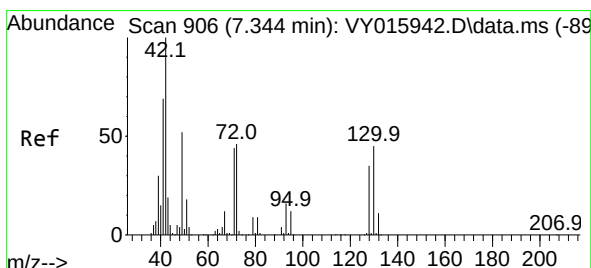
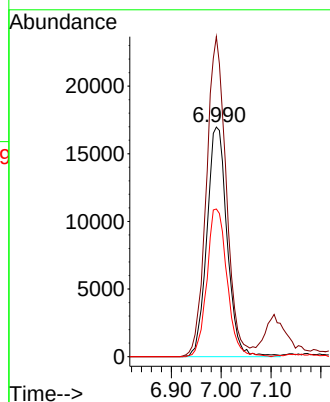
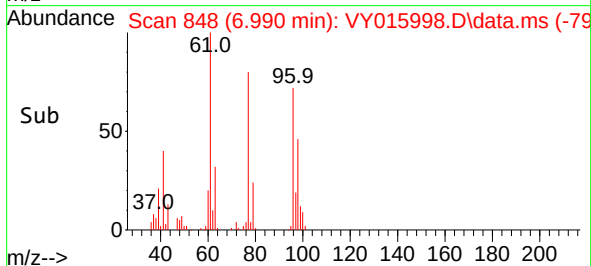
Tgt Ion:	96	Resp:	47718
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	301.4
98	64.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 19.841 ug/l

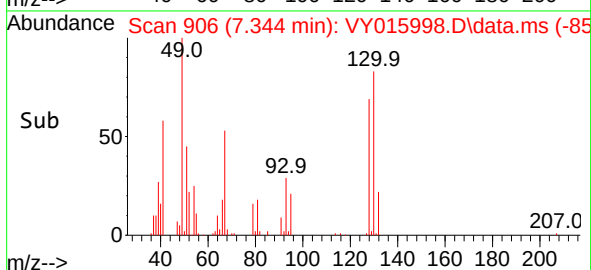
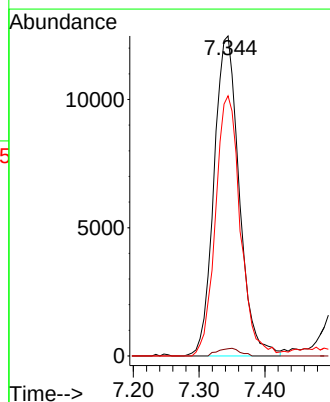
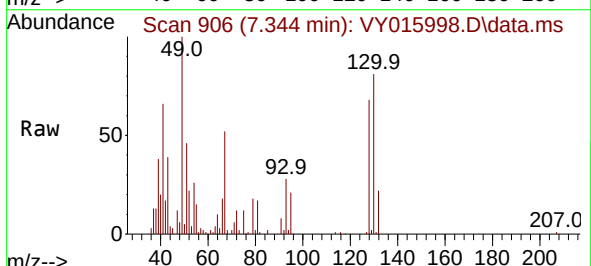
RT: 7.344 min Scan# 906

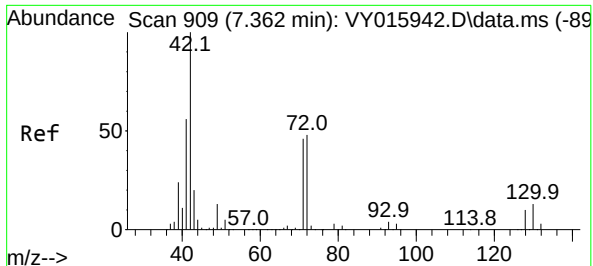
Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:	49	Resp:	33357
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	80.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 83.011 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion: 42 Resp: 106530

Ion Ratio Lower Upper

42 100

72 42.9 32.8 49.2

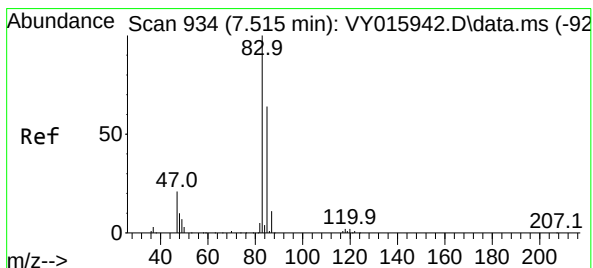
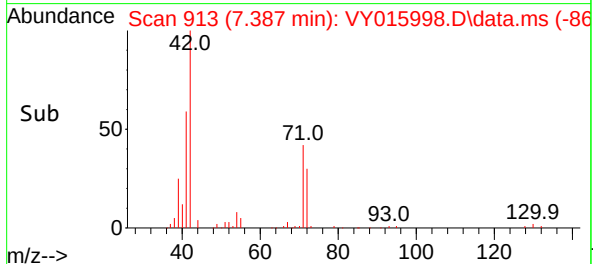
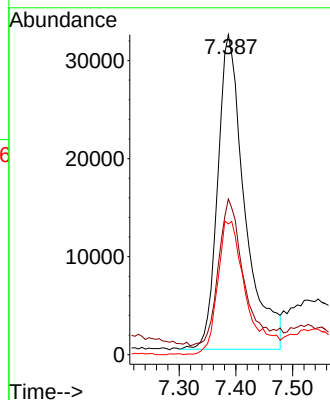
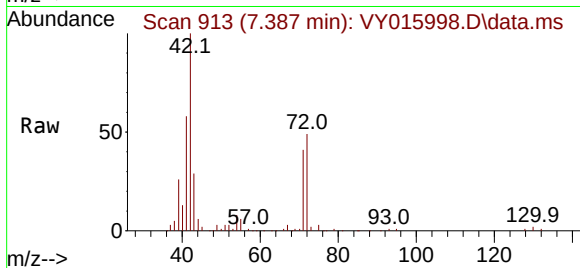
71 44.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 19.882 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015998.D

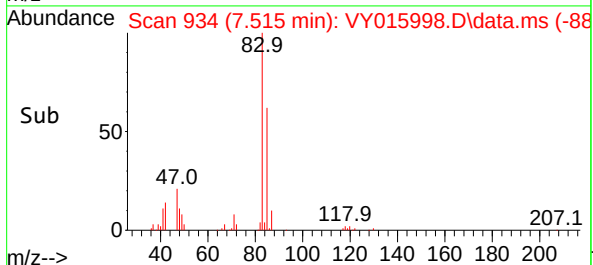
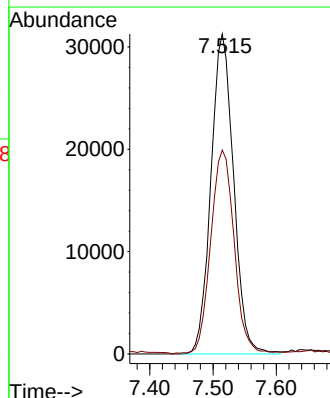
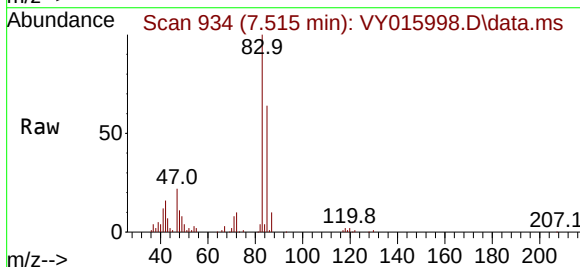
Acq: 17 Oct 2023 12:06

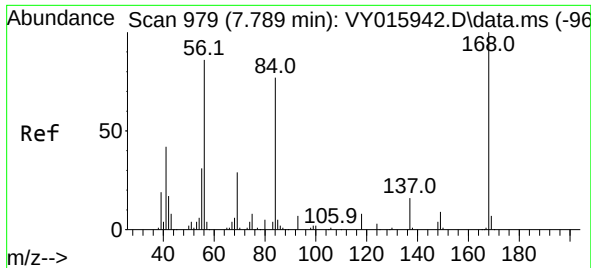
Tgt Ion: 83 Resp: 77741

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5





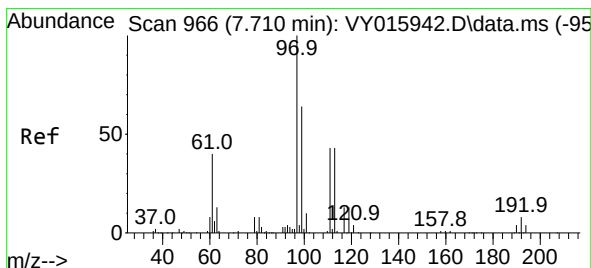
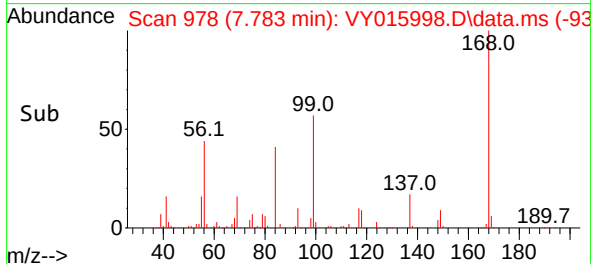
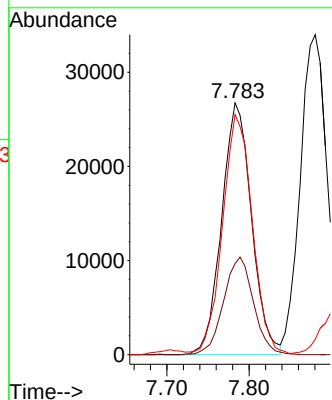
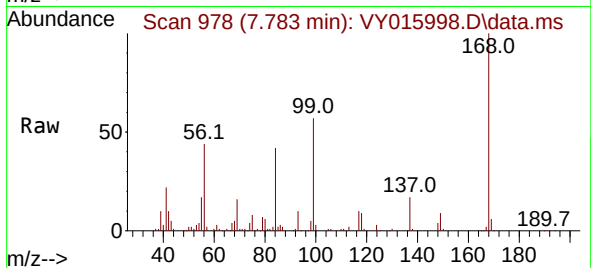
#31
Cyclohexane
Concen: 19.179 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 56 Resp: 67600
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.6
84 93.8 66.4 99.6

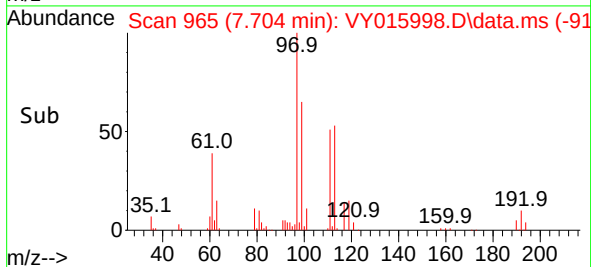
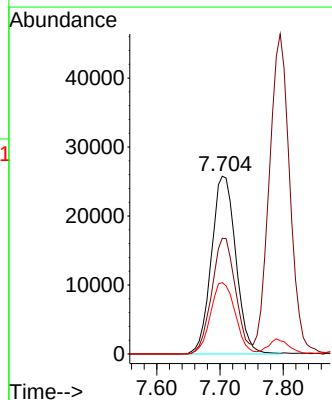
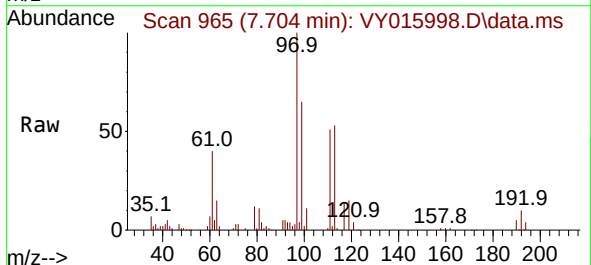
Manual Integrations
APPROVED

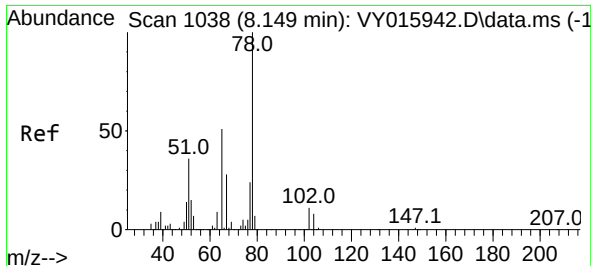
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.876 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

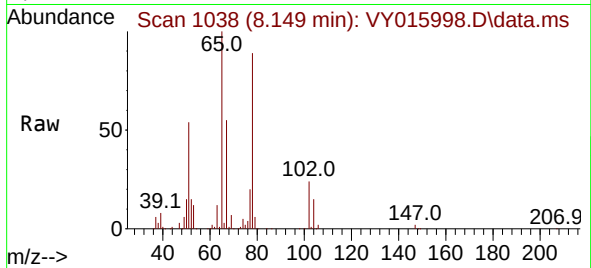
Tgt Ion: 97 Resp: 69122
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 40.6 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.273 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

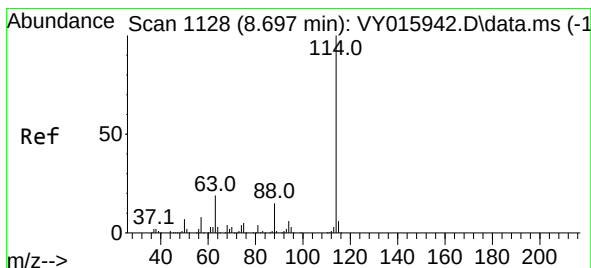
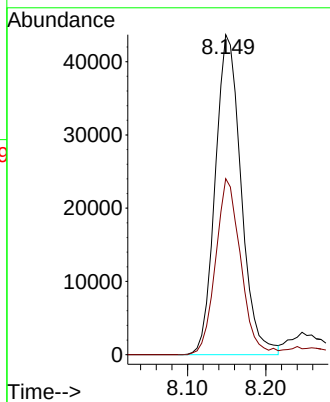
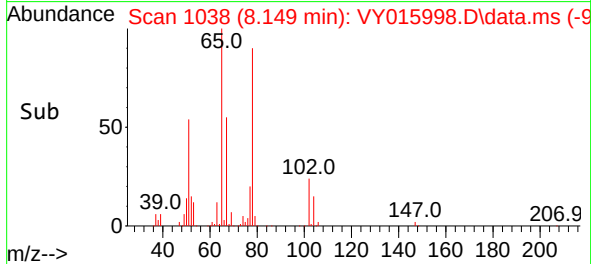
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS02



Tgt Ion: 65 Resp: 100254
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8

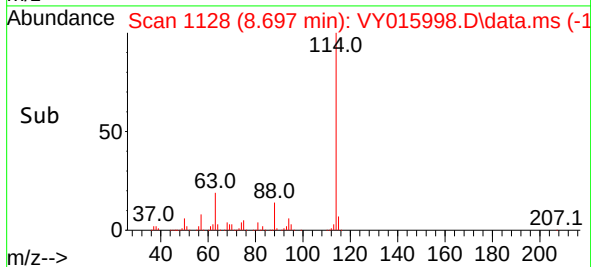
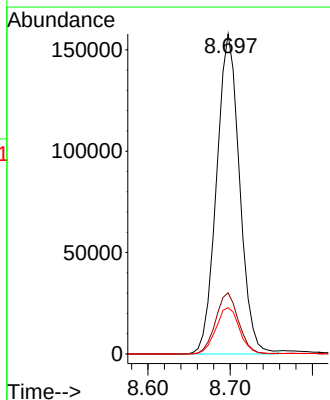
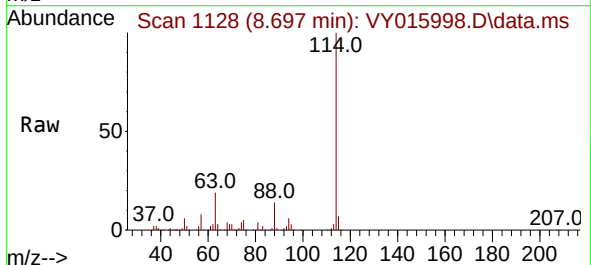
Manual Integrations
 APPROVED

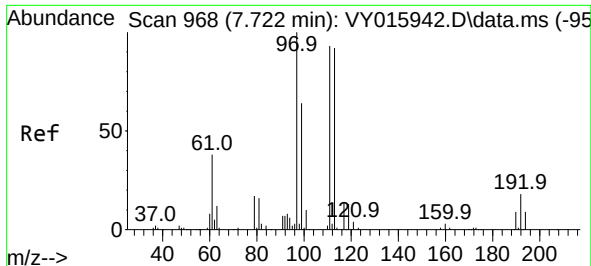
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

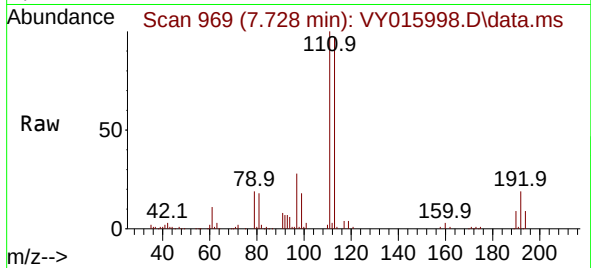
Tgt Ion:114 Resp: 307684
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

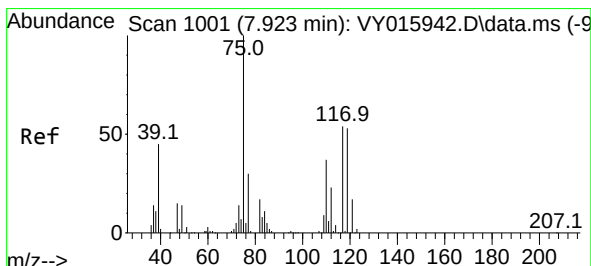
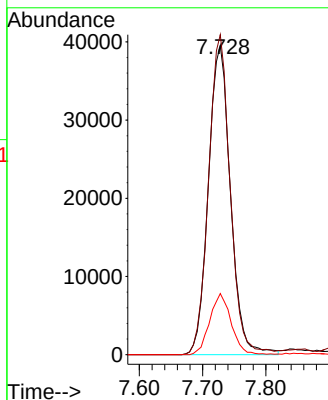
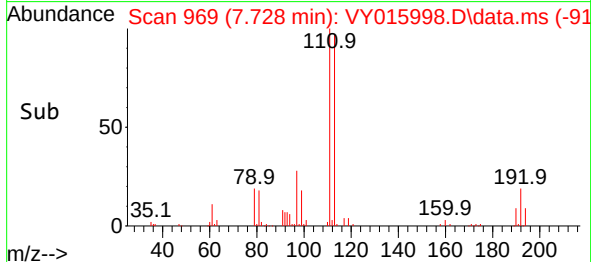
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



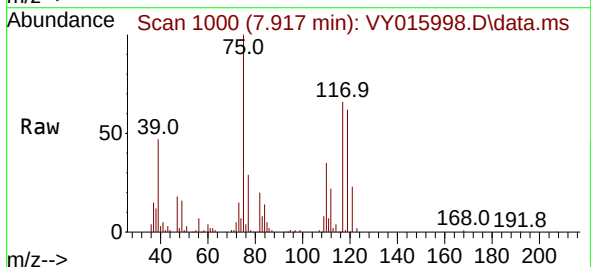
Tgt Ion: 113 Resp: 96210
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 19.1 16.9 25.3

Manual Integrations
APPROVED

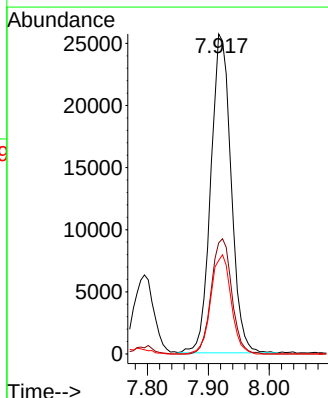
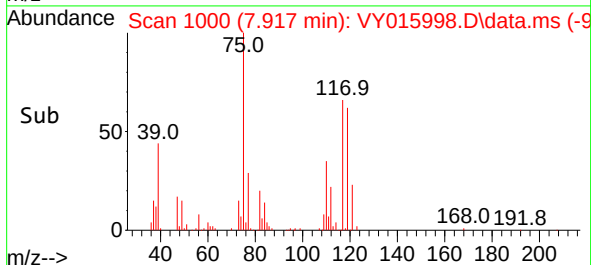
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

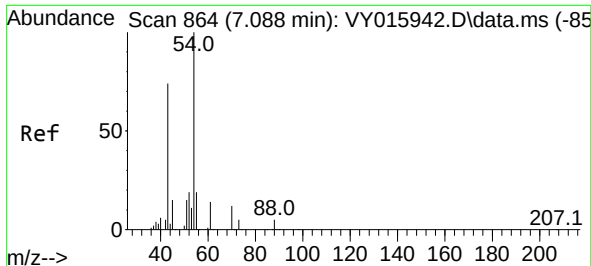


#36
1,1-Dichloropropene
Concen: 20.318 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06



Tgt Ion: 75 Resp: 59385
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 11.889 ug/l m

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion: 43 Resp: 5361

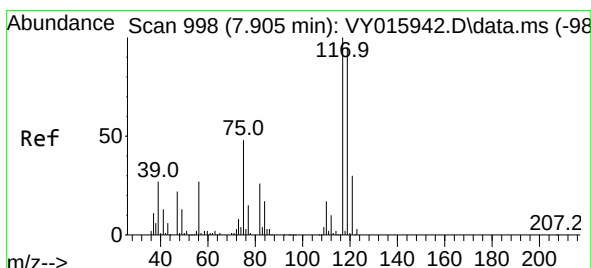
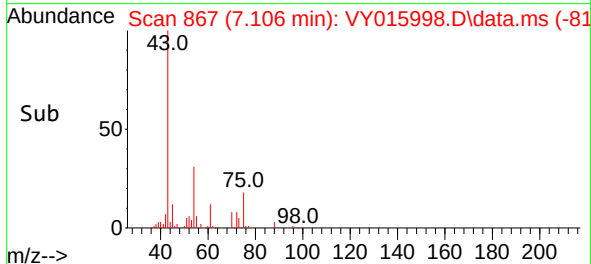
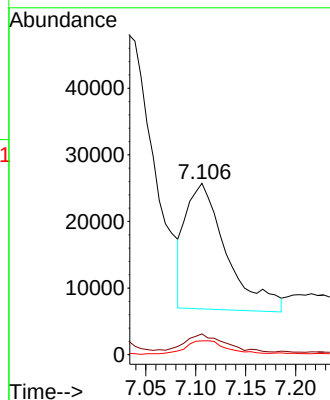
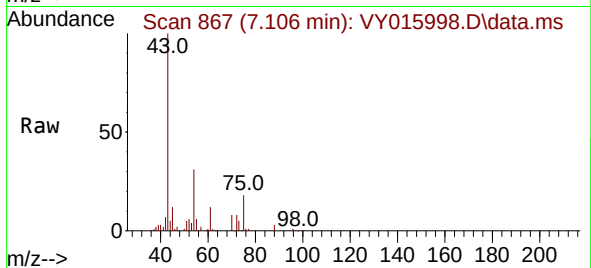
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.1	15.1
70	11.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 20.074 ug/l

RT: 7.905 min Scan# 998

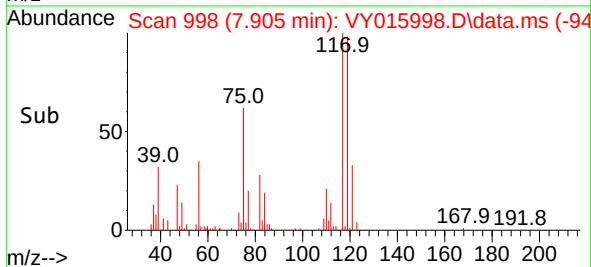
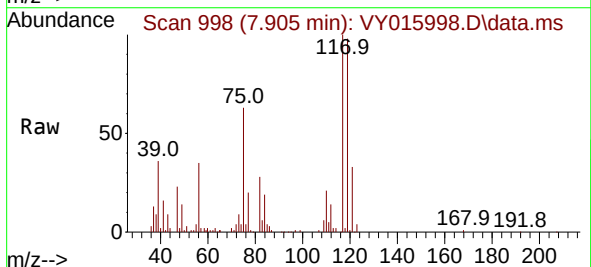
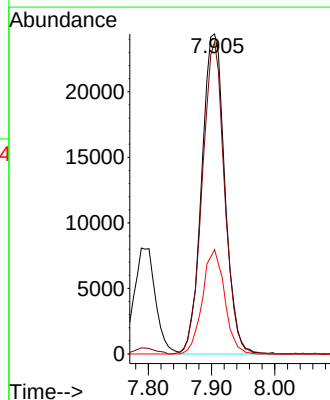
Delta R.T. 0.000 min

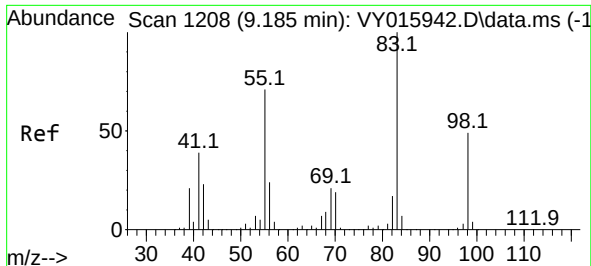
Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:117 Resp: 61790

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.4	114.6
121	32.6	25.8	38.6





#39

Methylcyclohexane

Concen: 19.186 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

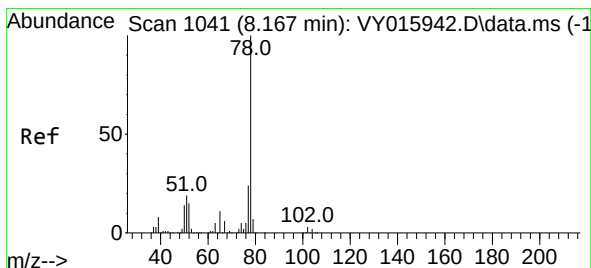
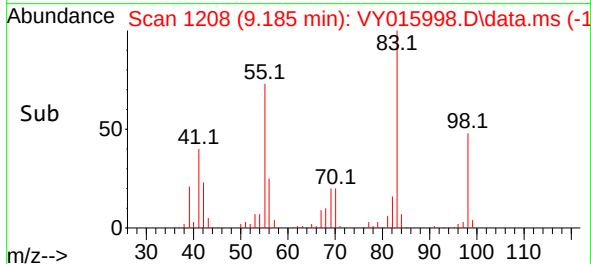
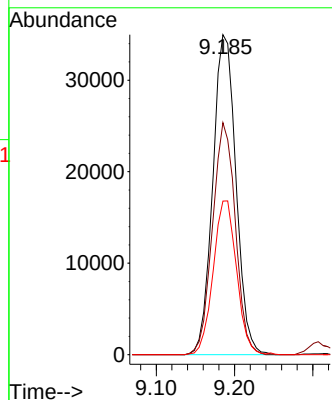
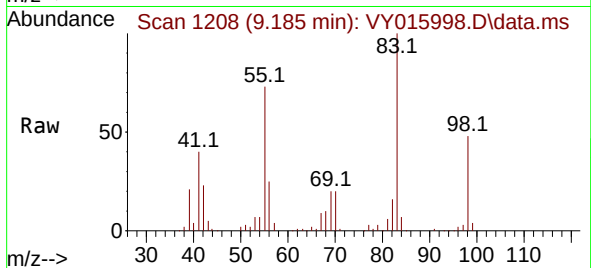
Tgt Ion: 83	Resp: 71940
Ion Ratio	Lower Upper
83 100	
55 72.5	63.0 94.4
98 48.0	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 20.149 ug/l

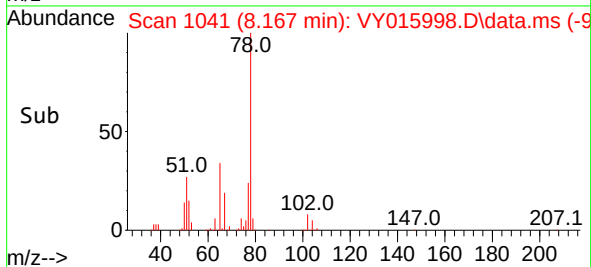
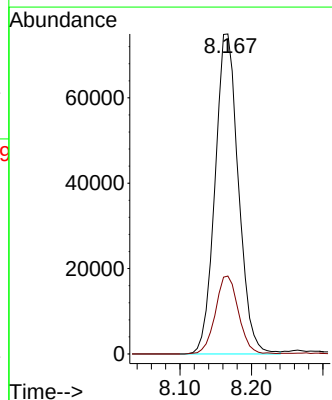
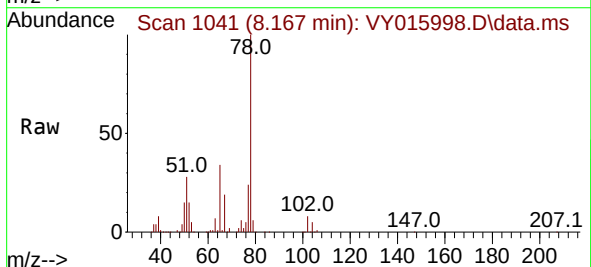
RT: 8.167 min Scan# 1041

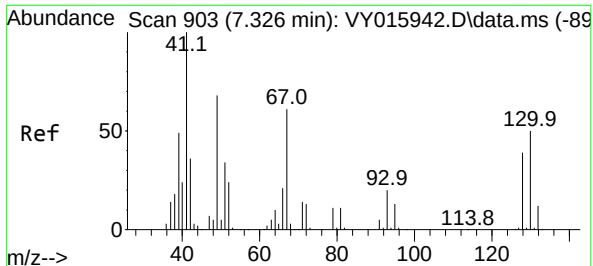
Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion: 78	Resp: 170391
Ion Ratio	Lower Upper
78 100	
77 24.4	19.0 28.6





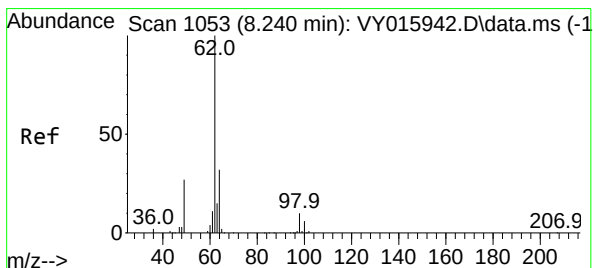
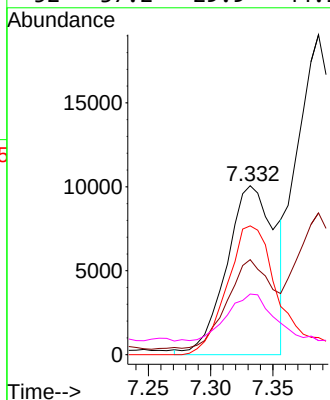
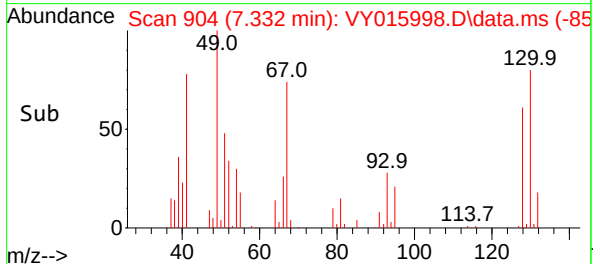
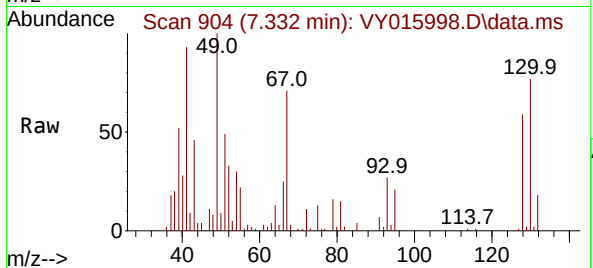
#41
Methacrylonitrile
Concen: 18.390 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 41 Resp: 27349
Ion Ratio Lower Upper
41 100
39 50.1 52.1 78.1
67 84.4 66.2 99.2
52 37.2 29.9 44.9

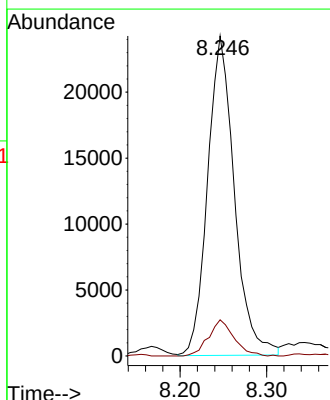
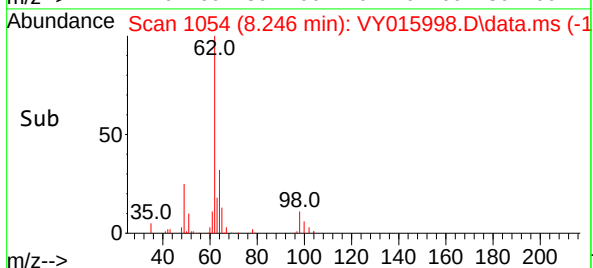
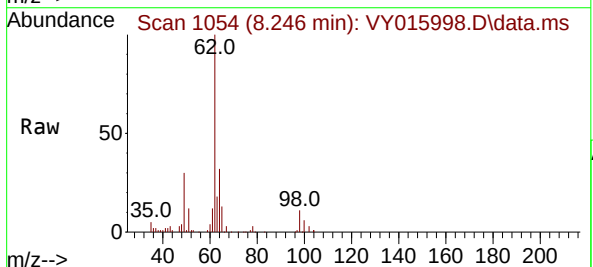
Manual Integrations
APPROVED

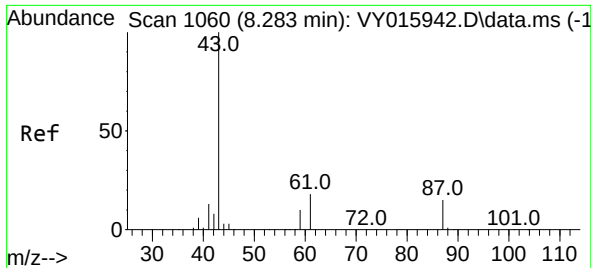
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.197 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

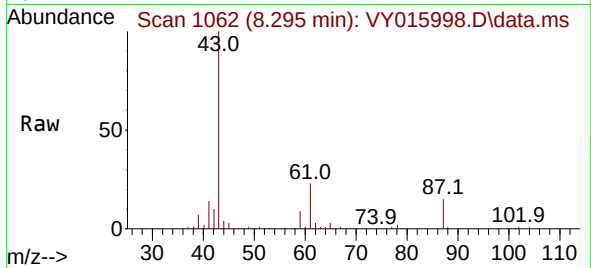
Tgt Ion: 62 Resp: 52090
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 17.794 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

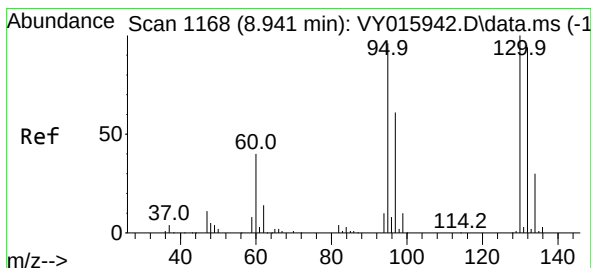
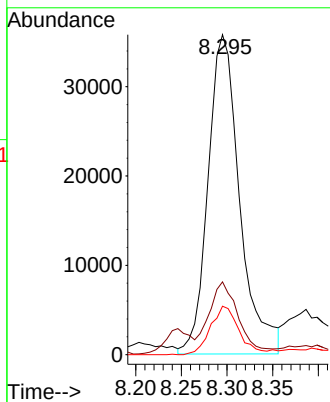
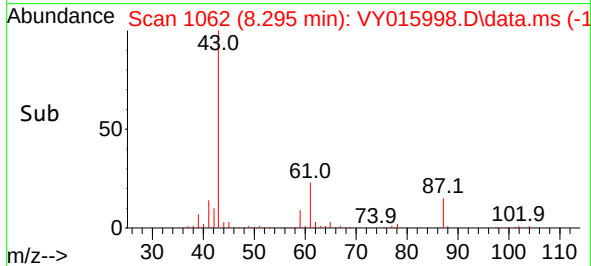
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 43 Resp: 86209
Ion Ratio Lower Upper
43 100
61 21.1 21.1 31.7
87 13.7 9.8 14.8

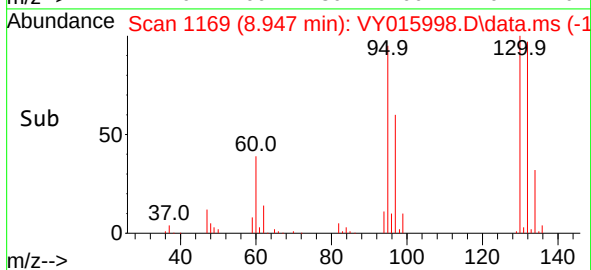
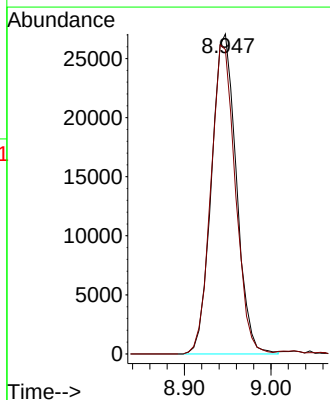
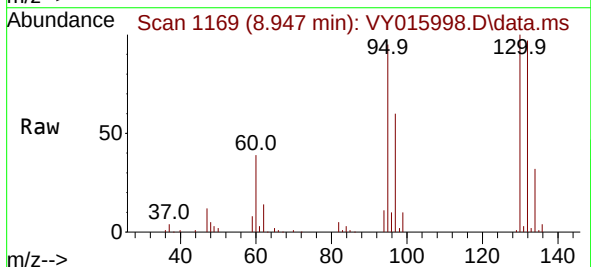
Manual Integrations
APPROVED

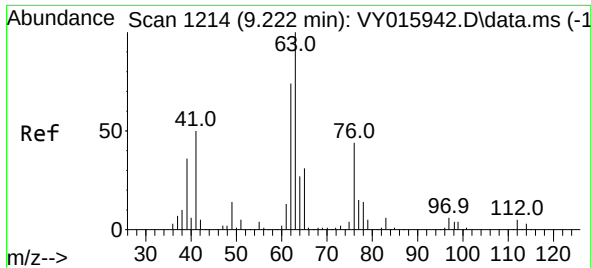
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 20.656 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:130 Resp: 53831
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





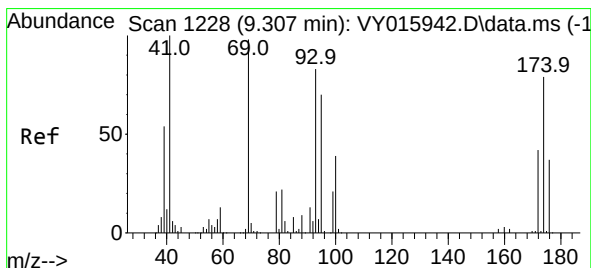
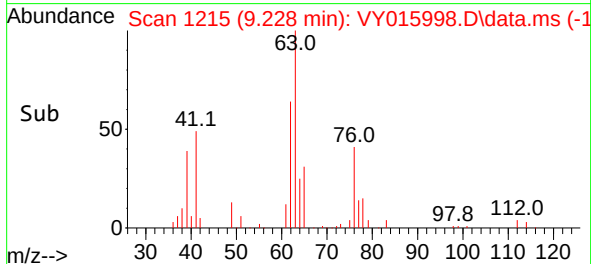
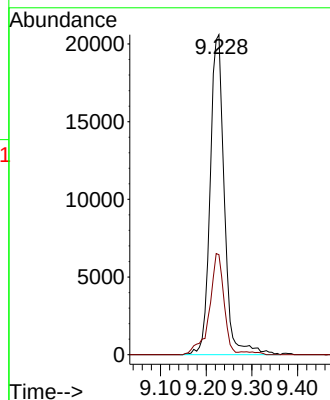
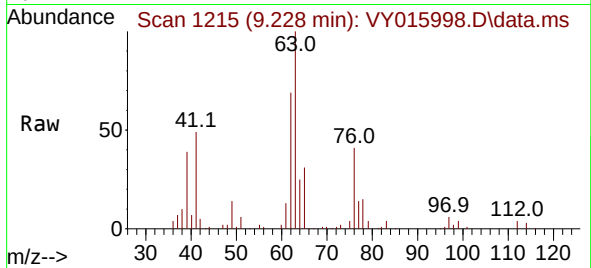
#45
1,2-Dichloropropane
Concen: 20.621 ug/l
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 63 Resp: 4449
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6

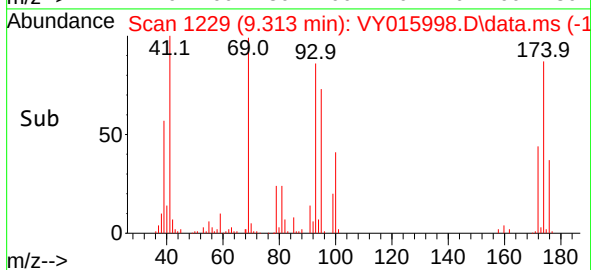
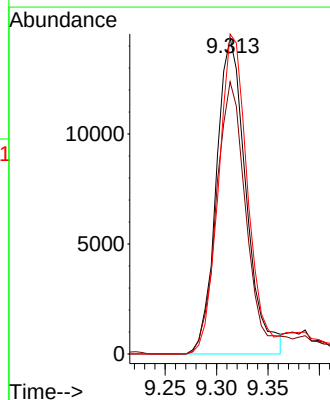
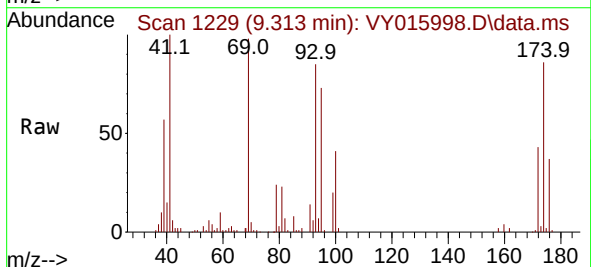
Manual Integrations
APPROVED

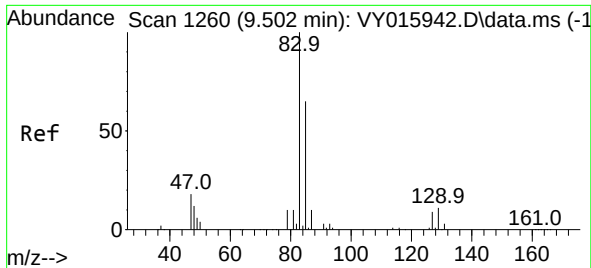
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#46
Dibromomethane
Concen: 19.025 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 93 Resp: 28857
Ion Ratio Lower Upper
93 100
95 87.7 66.6 100.0
174 99.5 84.8 127.2





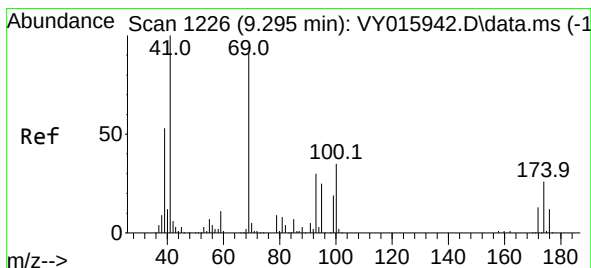
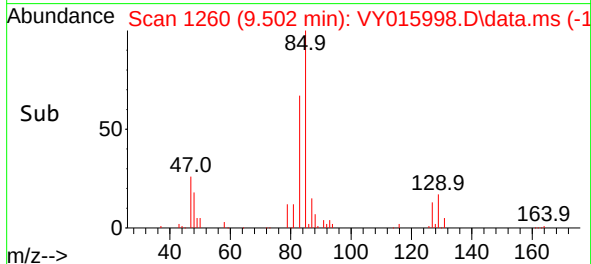
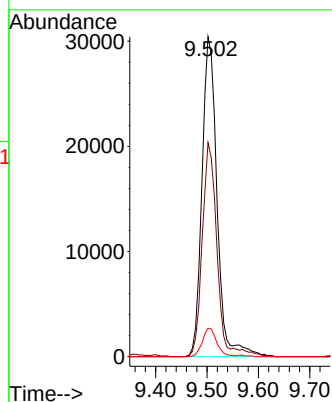
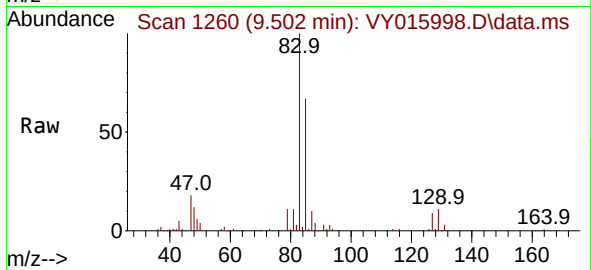
#47
Bromodichloromethane
Concen: 20.257 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 83 Resp: 62049
Ion Ratio Lower Upper
83 100
85 66.9 50.1 75.1
127 8.9 7.1 10.7

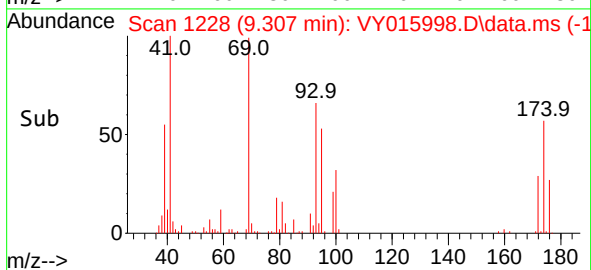
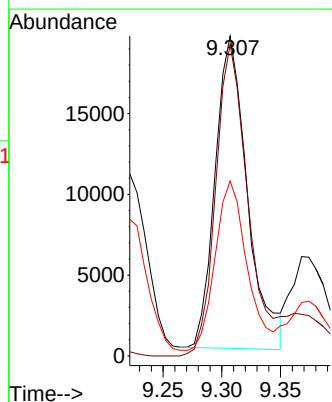
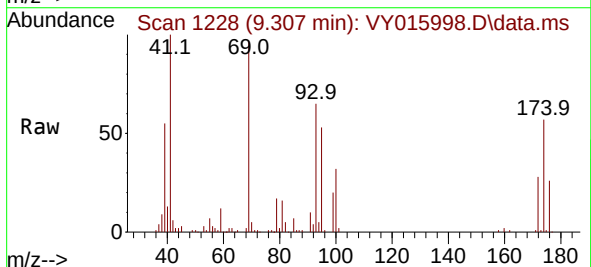
Manual Integrations
APPROVED

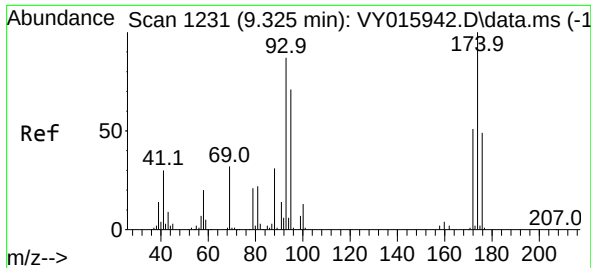
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 17.253 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

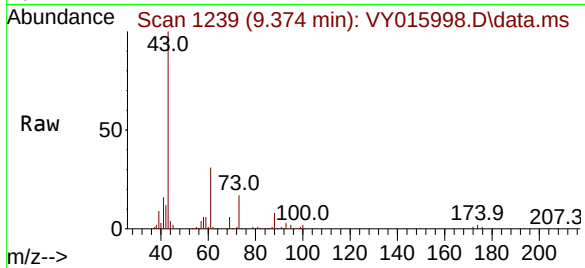
Tgt Ion: 41 Resp: 36920
Ion Ratio Lower Upper
41 100
69 100.2 64.5 96.7#
39 57.4 50.8 76.2





#49
1,4-Dioxane
Concen: 494.329 ug/l m
RT: 9.374 min Scan# 1239
Delta R.T. 0.049 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

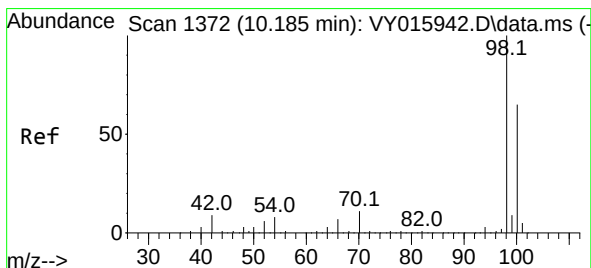
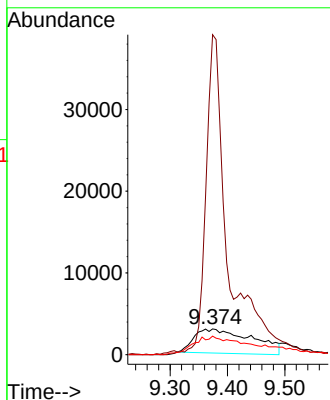
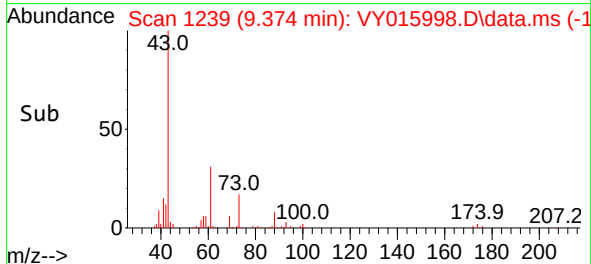
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 88 Resp: 20910
Ion Ratio Lower Upper
88 100
43 382.6 0.0 0.0
58 63.7 30.9 46.3

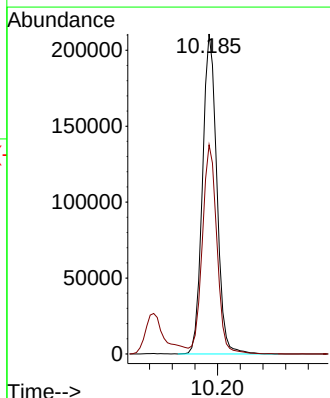
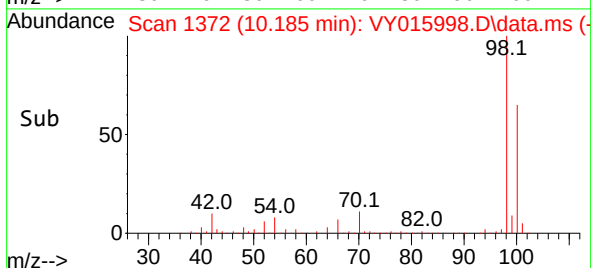
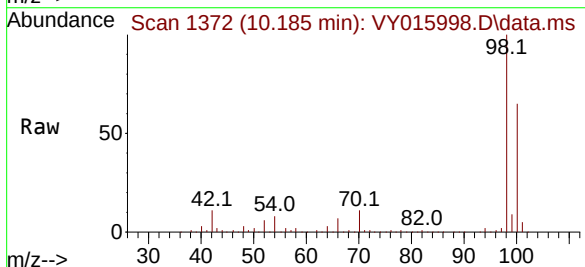
Manual Integrations
APPROVED

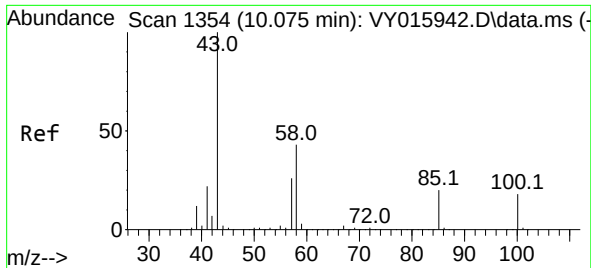
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 50.940 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 98 Resp: 369522
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1





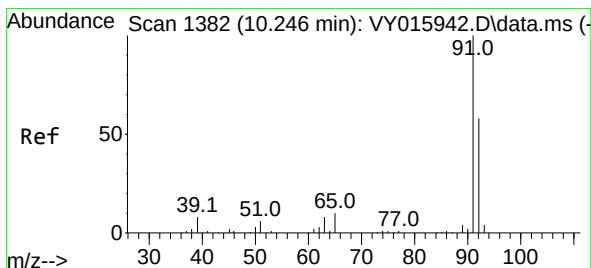
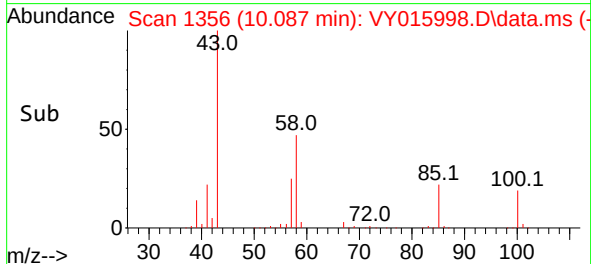
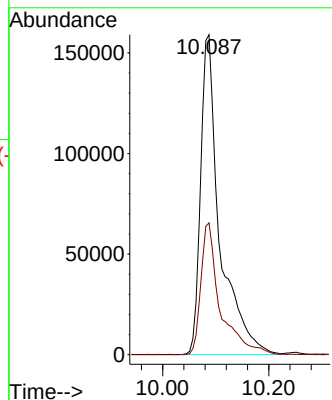
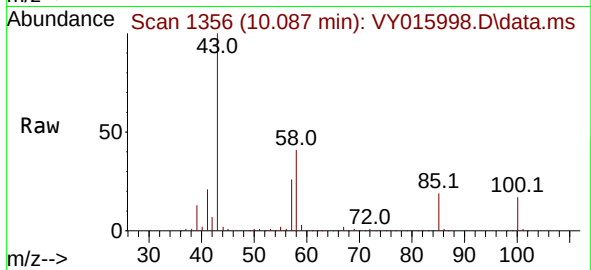
#51
4-Methyl-2-Pentanone
Concen: 111.442 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 43 Resp: 39789
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6

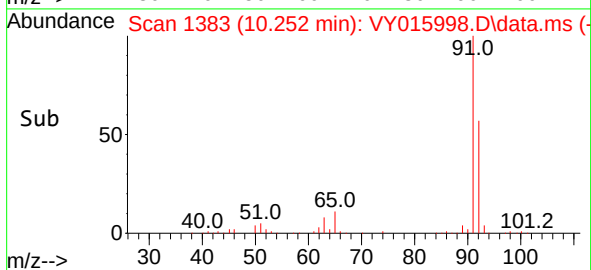
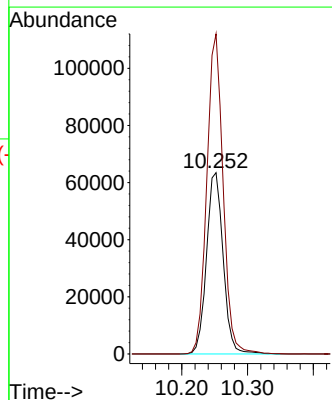
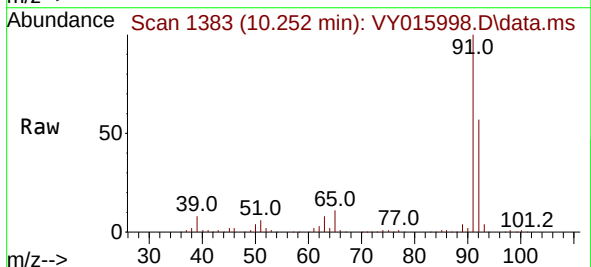
Manual Integrations
APPROVED

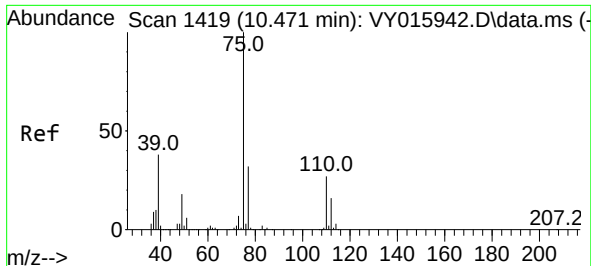
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 20.648 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 92 Resp: 111637
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6





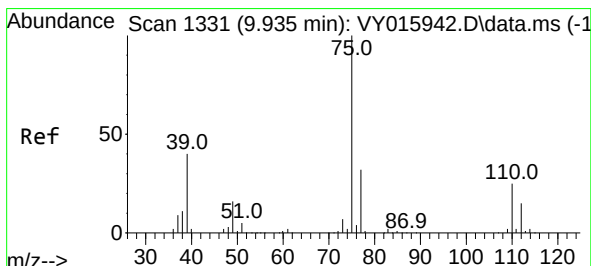
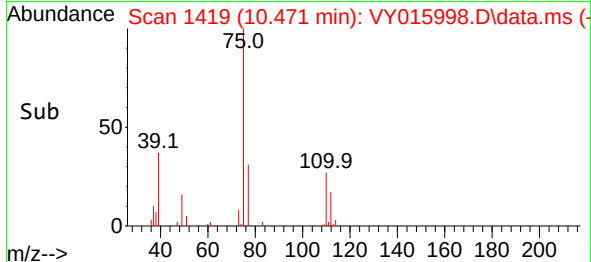
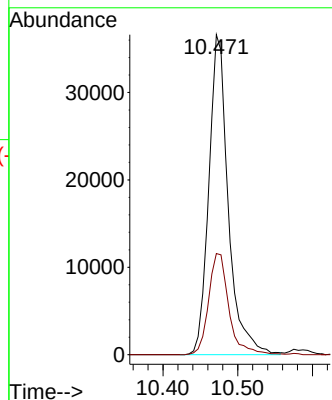
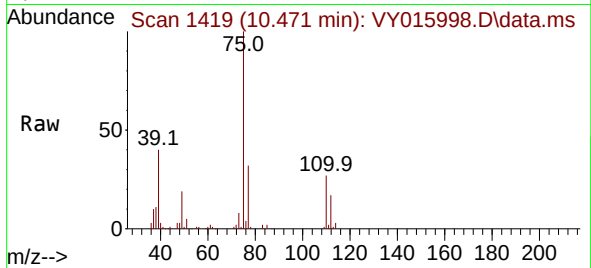
#53
t-1,3-Dichloropropene
Concen: 19.254 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 75 Resp: 6612
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

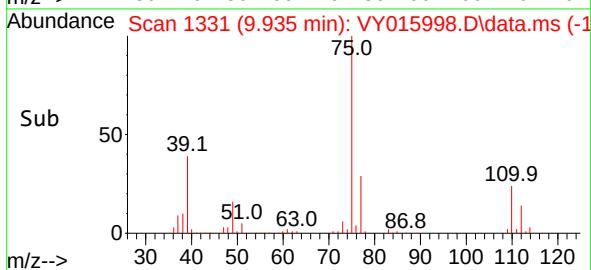
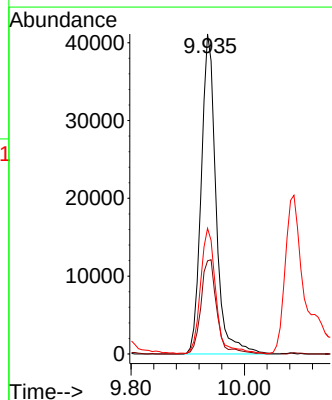
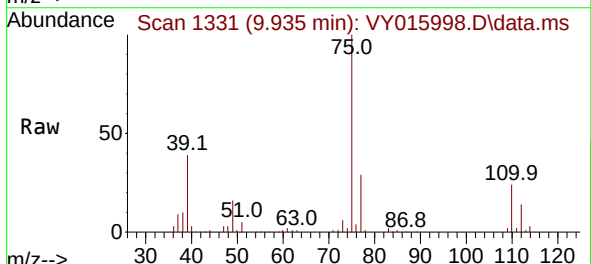
Manual Integrations
APPROVED

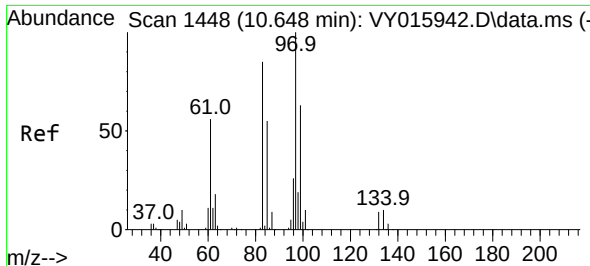
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.223 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

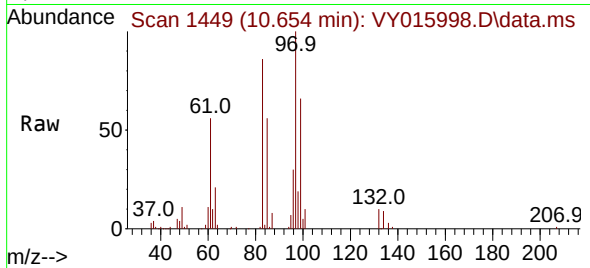
Tgt Ion: 75 Resp: 74657
Ion Ratio Lower Upper
75 100
77 29.1 24.2 36.4
39 39.0 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.421 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

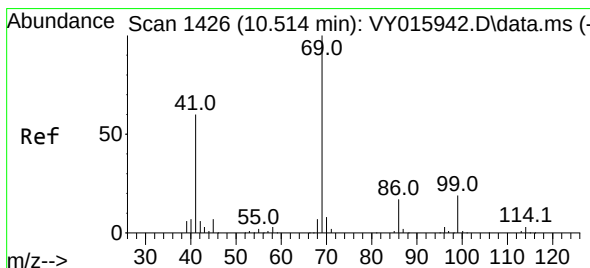
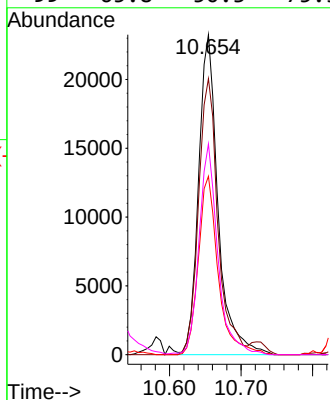
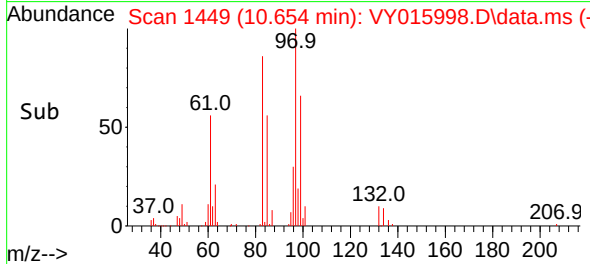
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



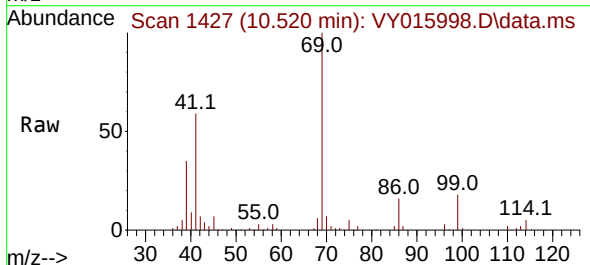
Tgt Ion: 97 Resp: 44100
Ion Ratio Lower Upper
97 100
83 86.2 72.0 108.0
85 55.7 45.4 68.0
99 65.8 50.3 75.5

Manual Integrations
APPROVED

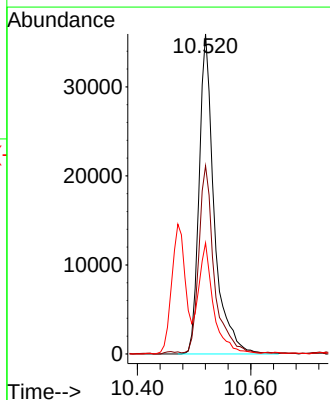
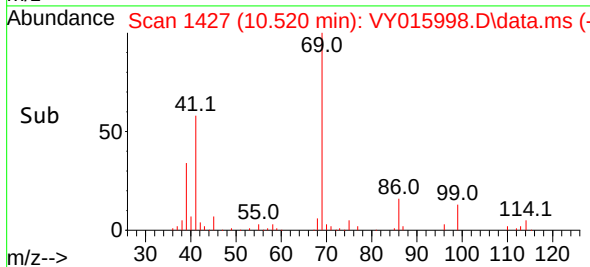
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

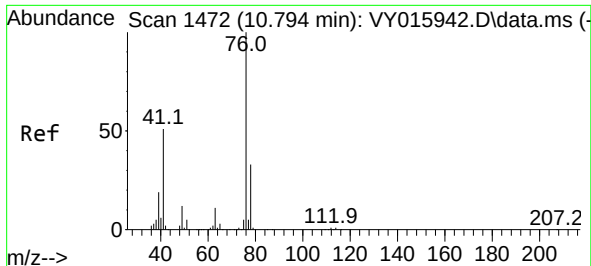


#56
Ethyl methacrylate
Concen: 19.669 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06



Tgt Ion: 69 Resp: 66493
Ion Ratio Lower Upper
69 100
41 58.9 57.6 86.4
39 34.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.148 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion: 76 Resp: 7381

Ion Ratio Lower Upper

76 100

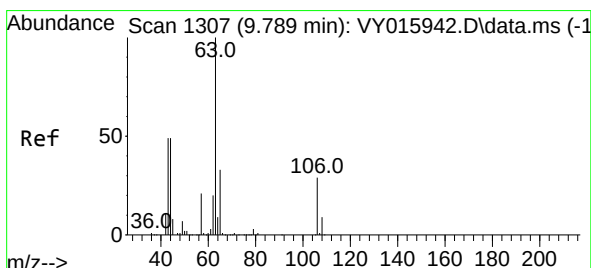
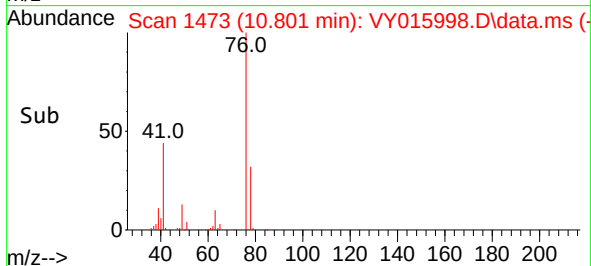
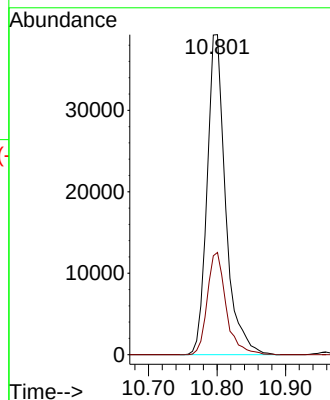
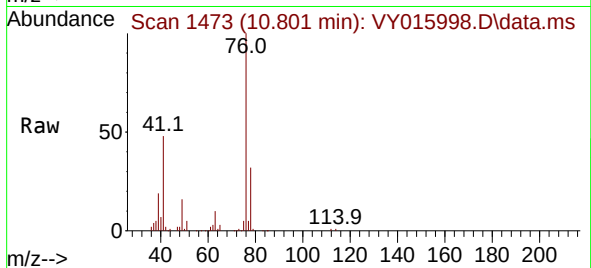
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 123.644 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015998.D

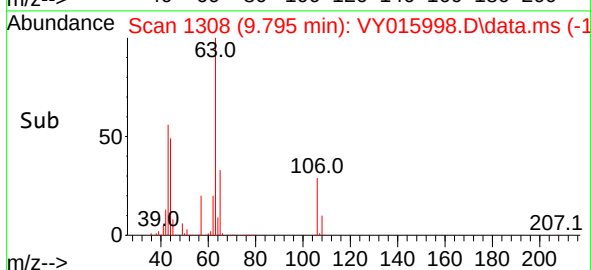
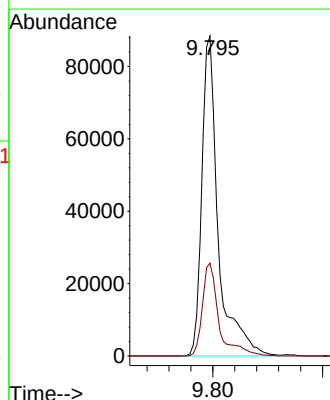
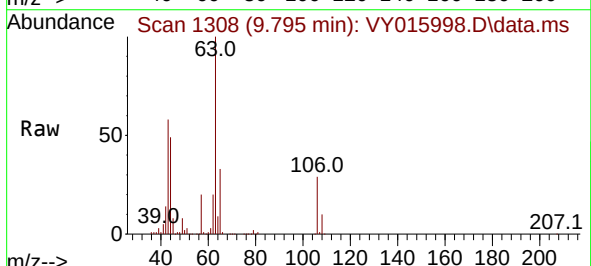
Acq: 17 Oct 2023 12:06

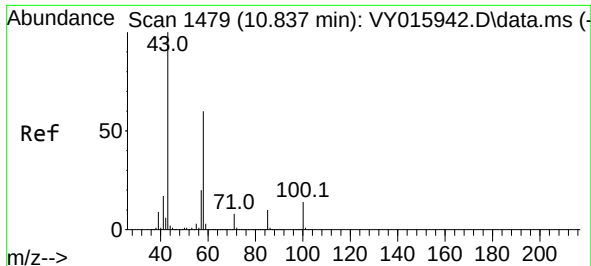
Tgt Ion: 63 Resp: 183426

Ion Ratio Lower Upper

63 100

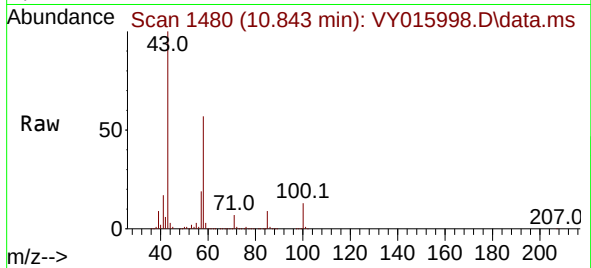
106 29.1 21.2 31.8





#59
2-Hexanone
Concen: 113.658 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

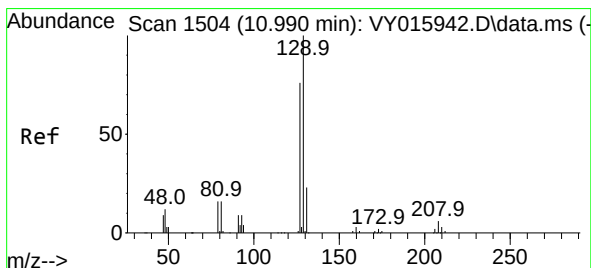
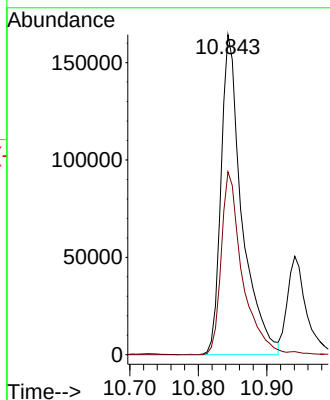
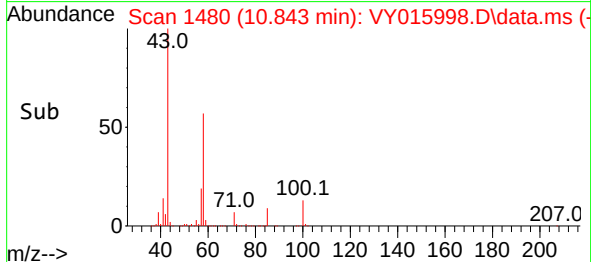
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 43 Resp: 34640
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3

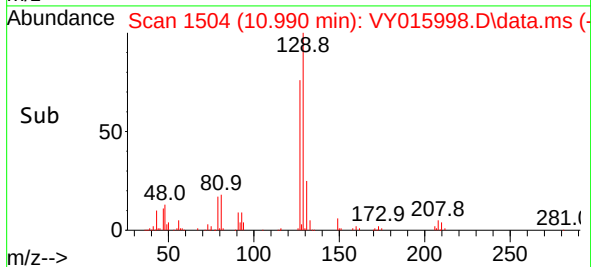
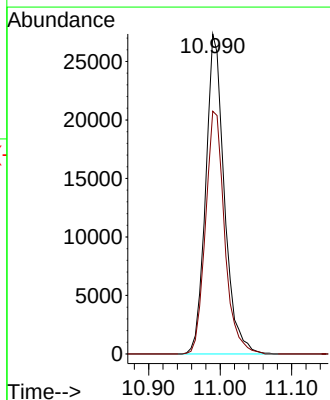
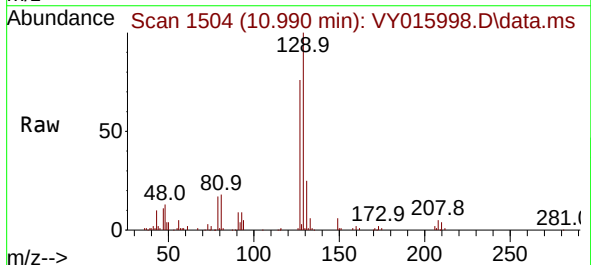
Manual Integrations
APPROVED

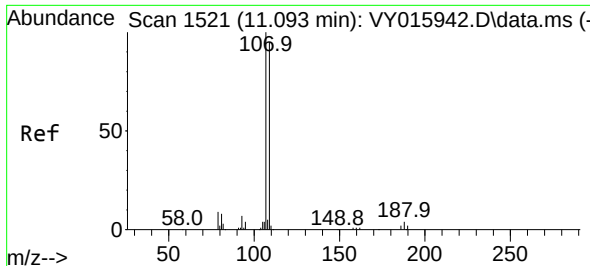
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 20.125 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:129 Resp: 49423
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





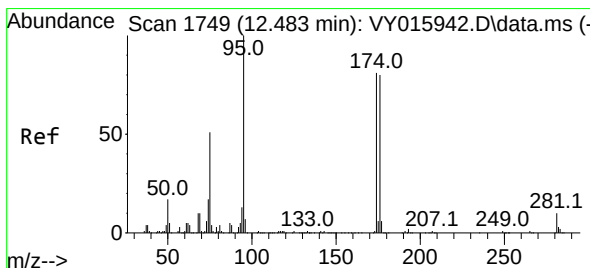
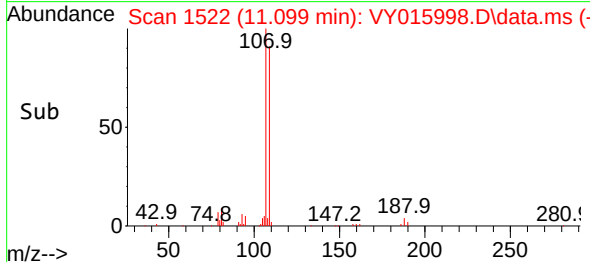
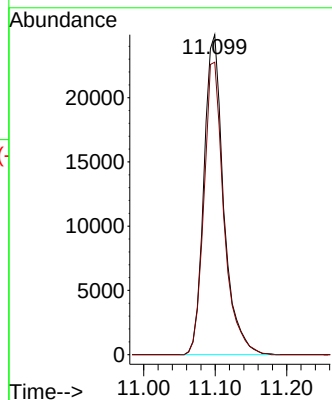
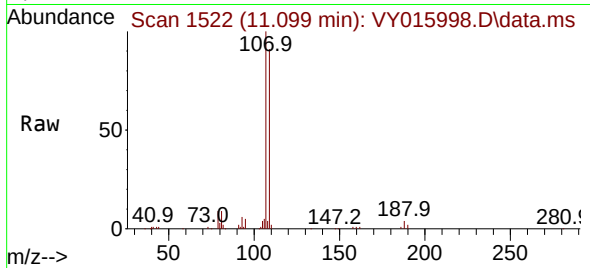
#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 11.099 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion:107 Resp: 4771
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4

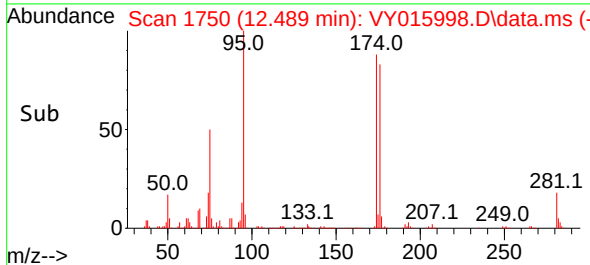
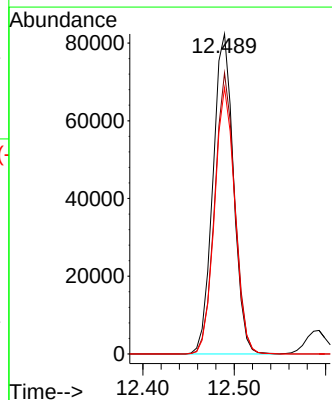
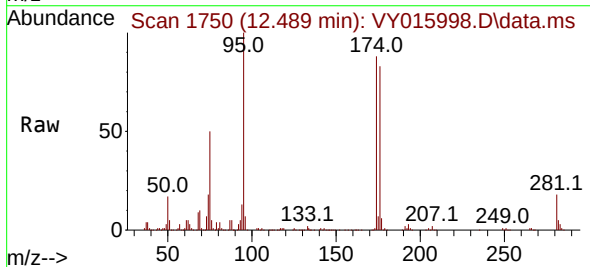
Manual Integrations
APPROVED

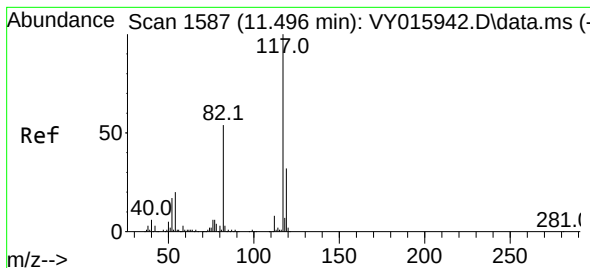
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 49.838 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

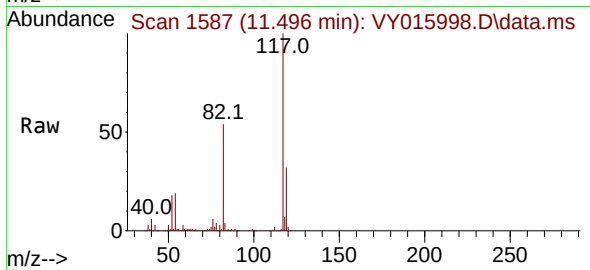
Tgt Ion: 95 Resp: 128733
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

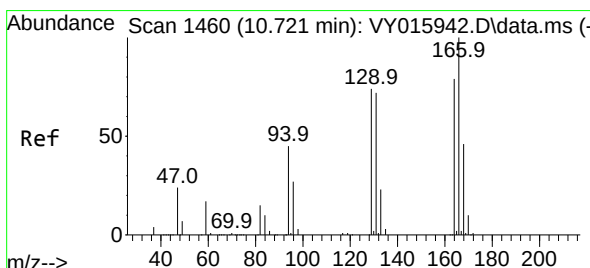
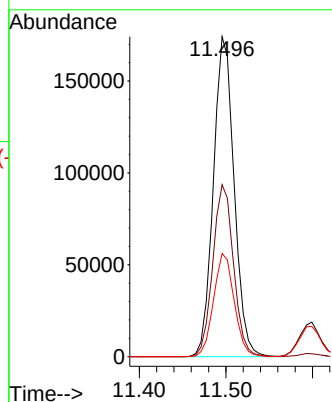
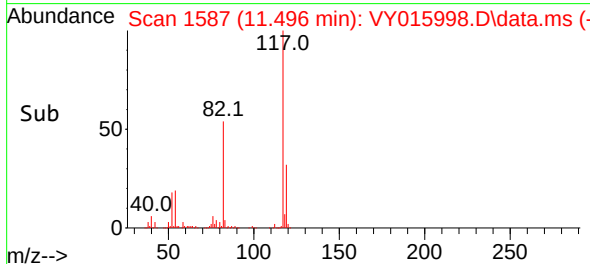
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion:117 Resp: 289709
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 26.3 39.5

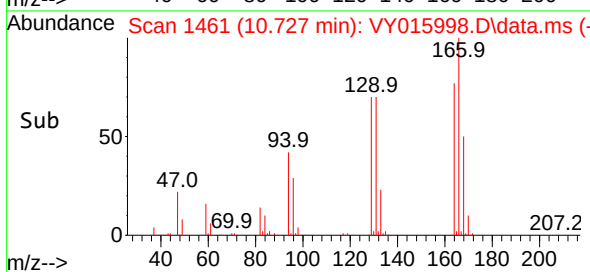
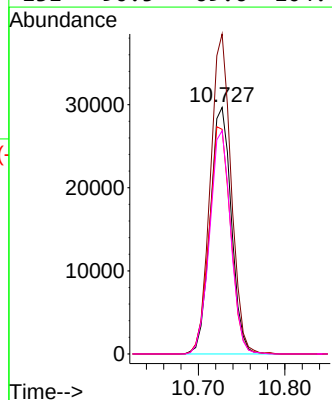
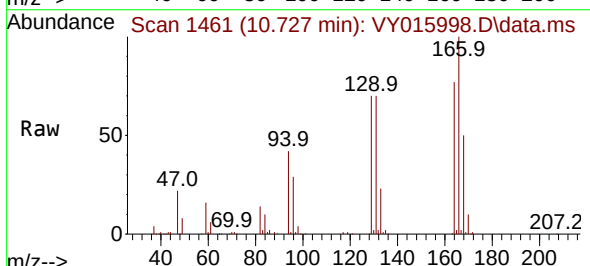
Manual Integrations
APPROVED

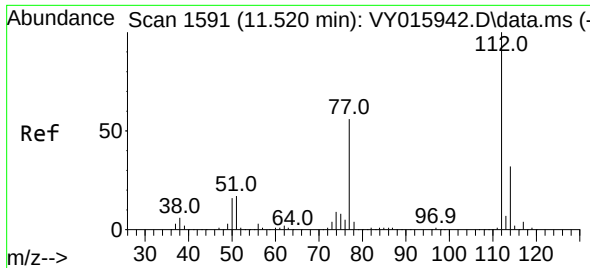
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 19.996 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:164 Resp: 50501
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 91.1 77.2 115.8
131 90.5 69.6 104.4





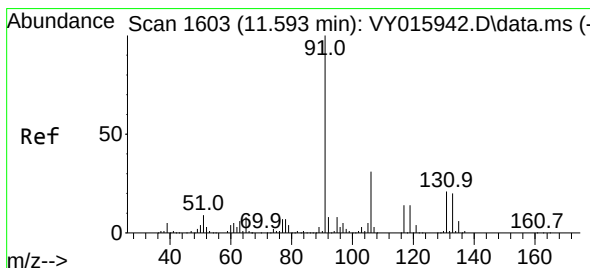
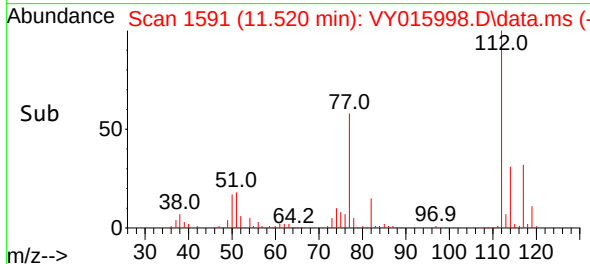
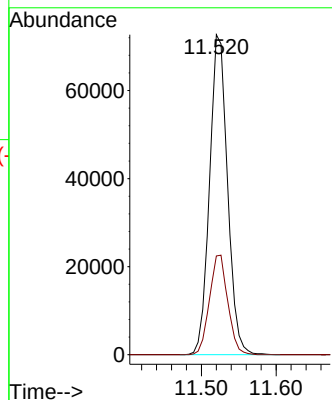
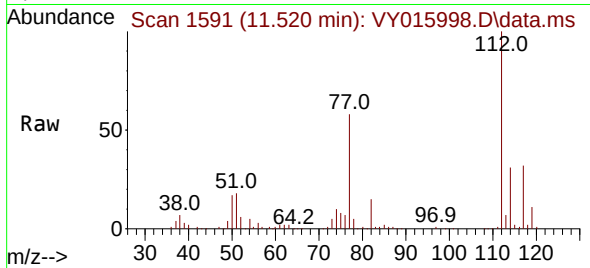
#65
Chlorobenzene
Concen: 20.017 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion:112 Resp: 12150
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3

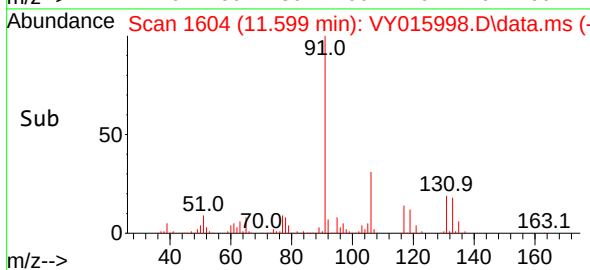
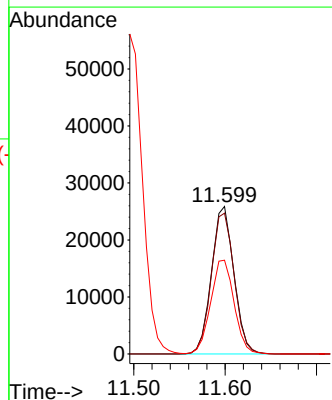
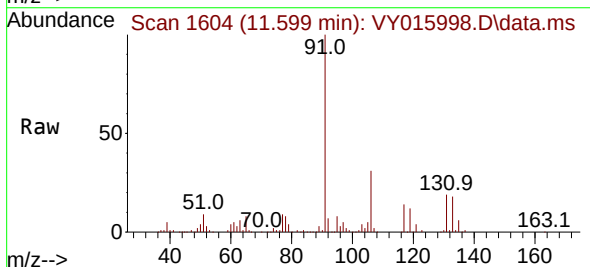
Manual Integrations
APPROVED

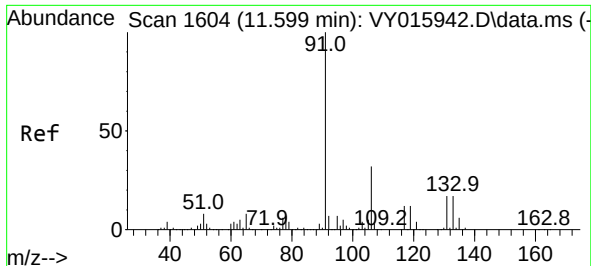
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.637 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:131 Resp: 44126
Ion Ratio Lower Upper
131 100
133 97.7 47.5 142.6
119 66.4 31.6 94.7





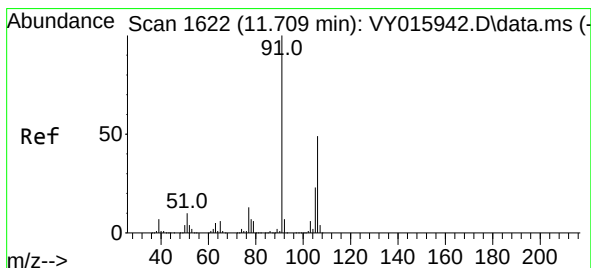
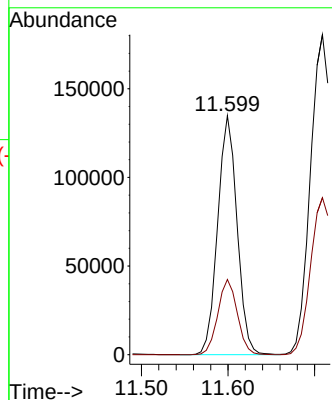
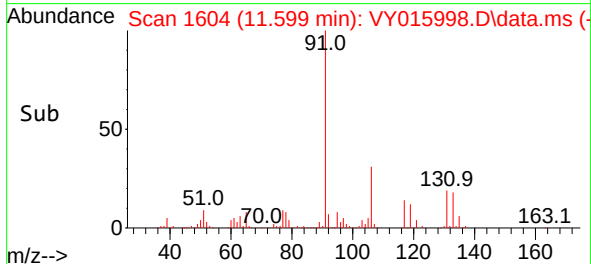
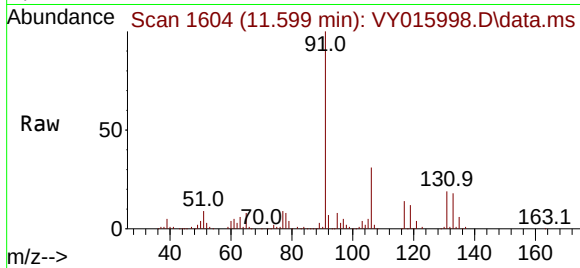
#67
Ethyl Benzene
Concen: 19.757 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 91 Resp: 209704
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

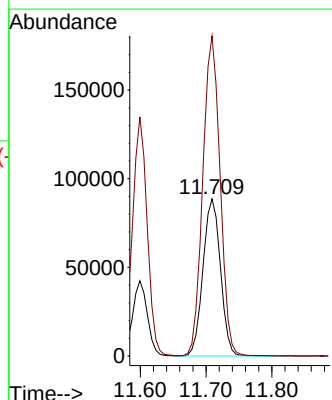
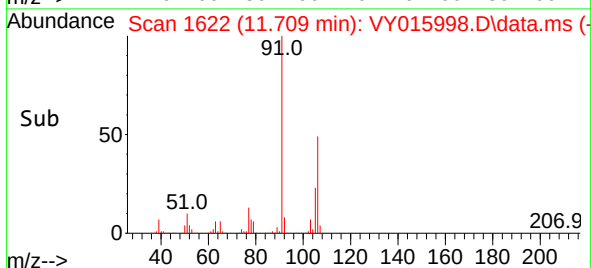
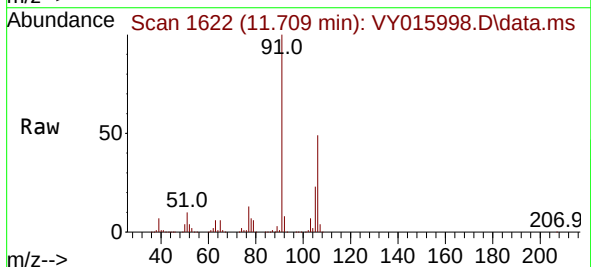
Manual Integrations
APPROVED

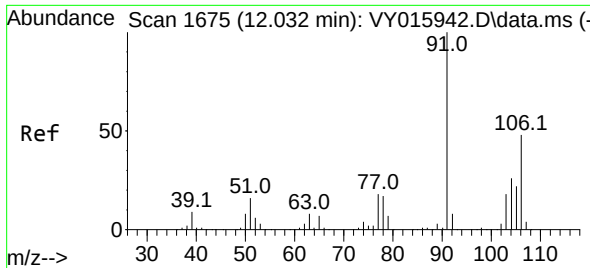
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 39.881 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:106 Resp: 163356
Ion Ratio Lower Upper
106 100
91 202.0 166.1 249.1





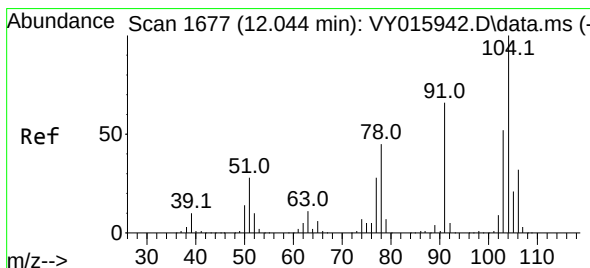
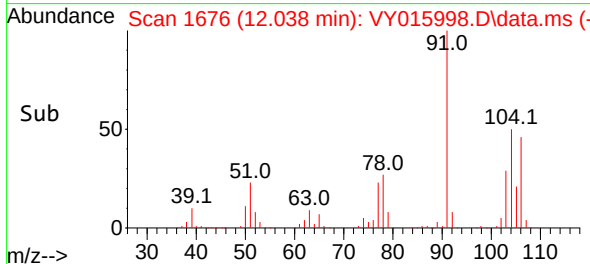
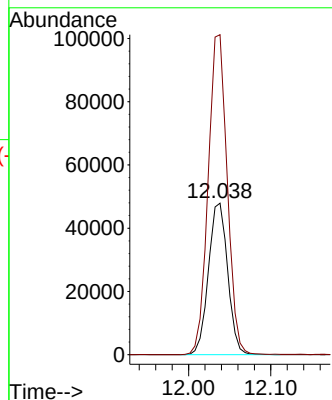
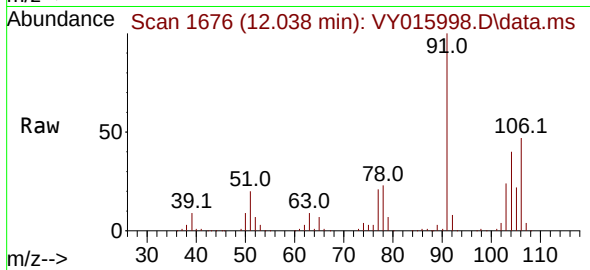
#69
o-Xylene
Concen: 19.921 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion:106 Resp: 78014
Ion Ratio Lower Upper
106 100
91 209.2 108.1 324.3

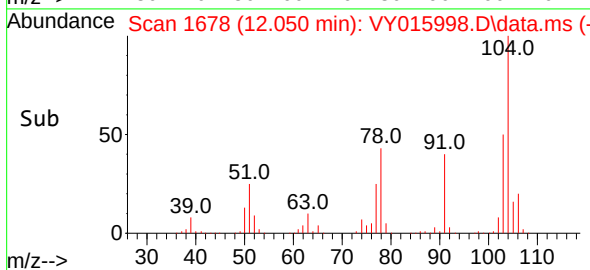
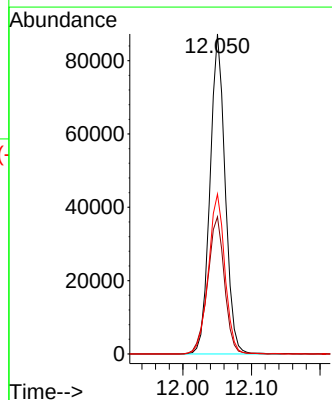
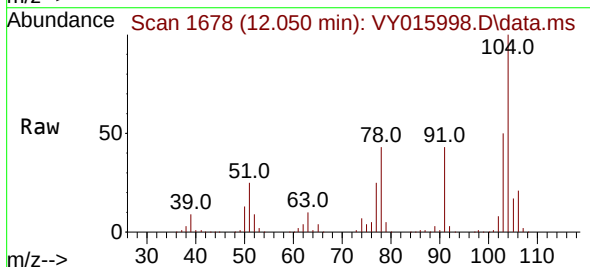
Manual Integrations
APPROVED

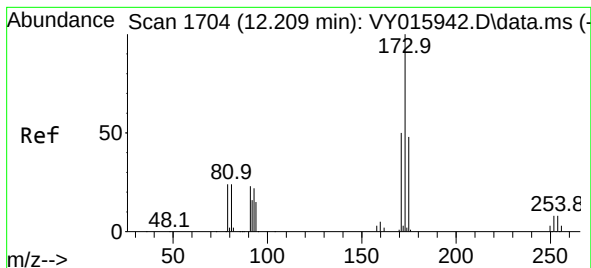
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 20.147 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:104 Resp: 134276
Ion Ratio Lower Upper
104 100
78 47.6 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 19.927 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

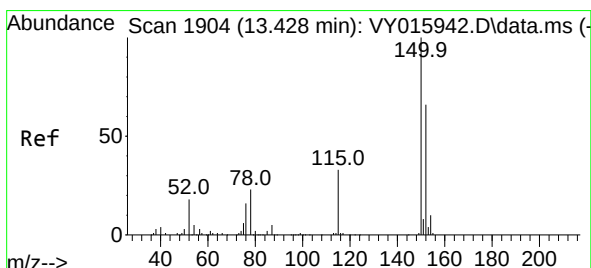
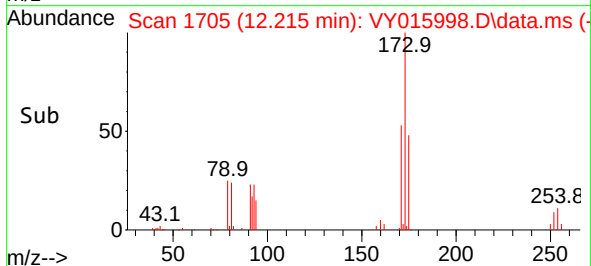
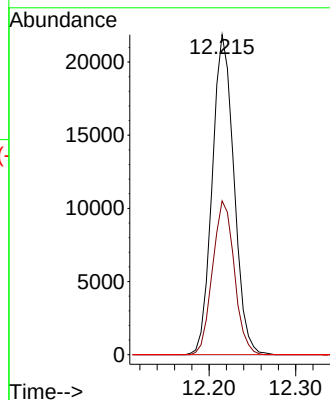
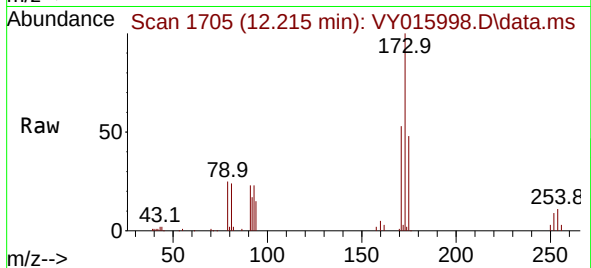
Tgt Ion:	173	Resp:	3813
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

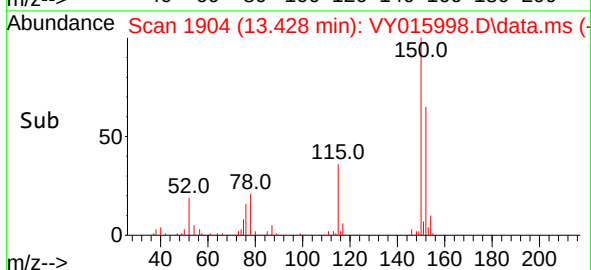
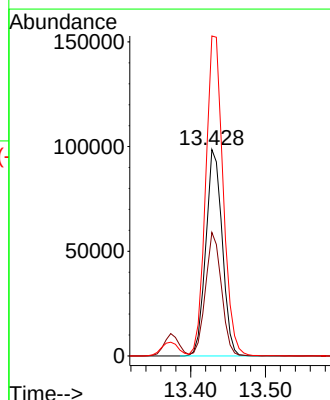
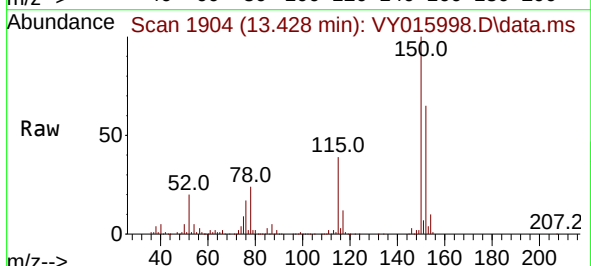
RT: 13.428 min Scan# 1904

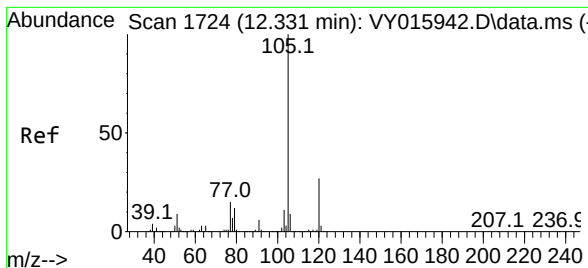
Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

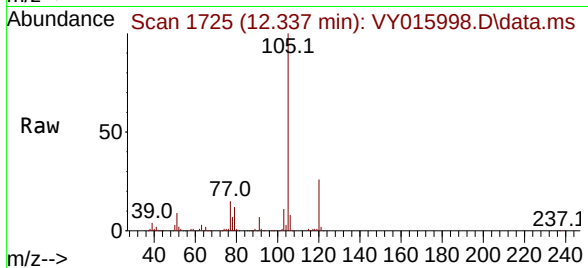
Tgt Ion:	152	Resp:	149991
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.8	86.5
150	165.0	0.0	348.8





#73
Isopropylbenzene
Concen: 19.380 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

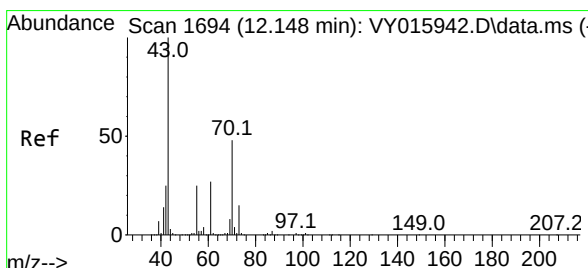
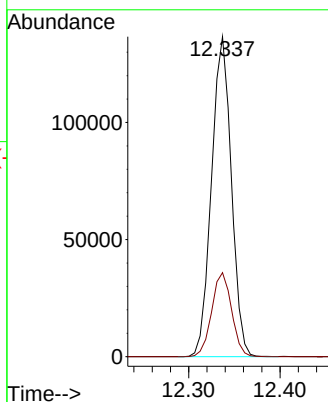
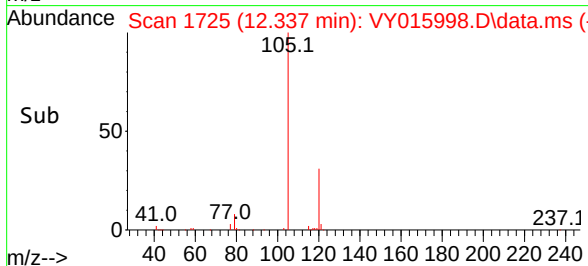
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



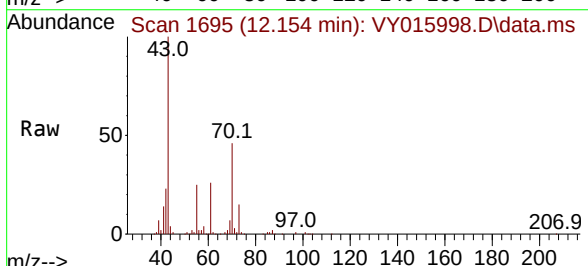
Tgt Ion:105 Resp: 20577
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
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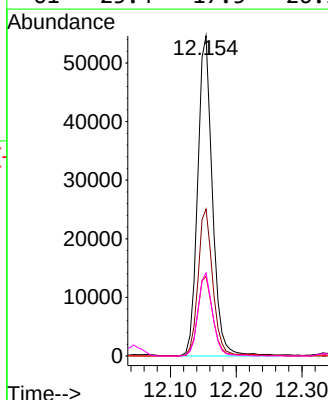
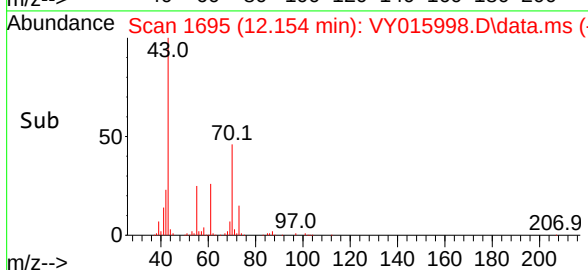
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

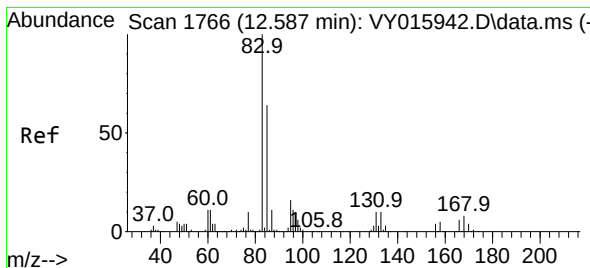


#74
N-ethyl acetate
Concen: 19.884 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06



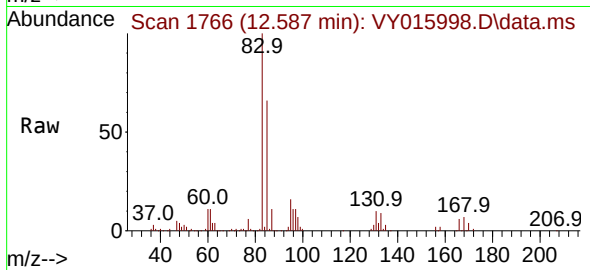
Tgt Ion: 43 Resp: 85296
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 26.1 18.3 27.5
61 25.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.815 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

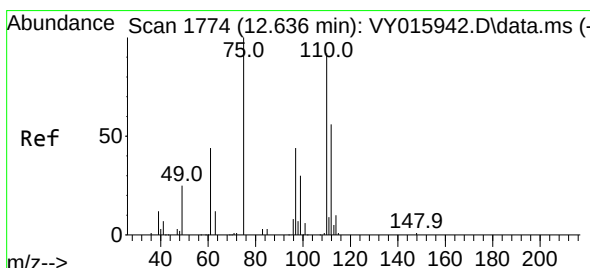
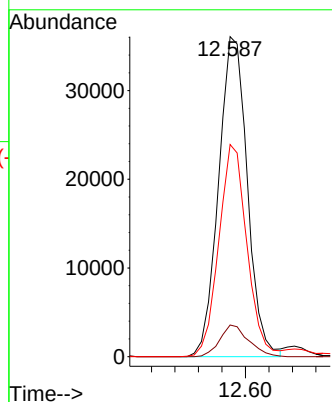
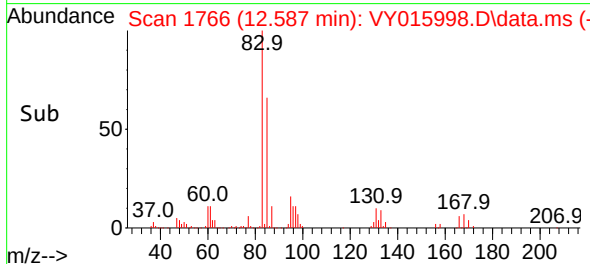
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



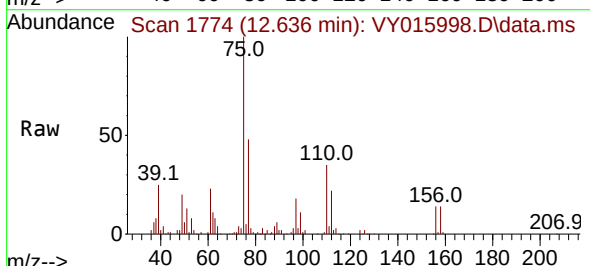
Tgt Ion: 83 Resp: 6136
Ion Ratio Lower Upper
83 100
131 9.9 5.4 16.2
85 64.9 31.8 95.4

Manual Integrations
APPROVED

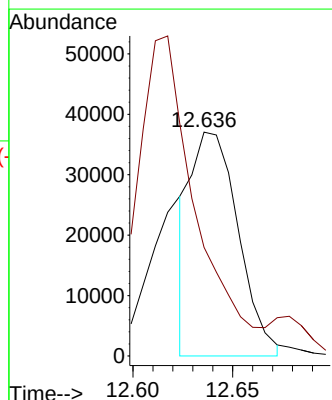
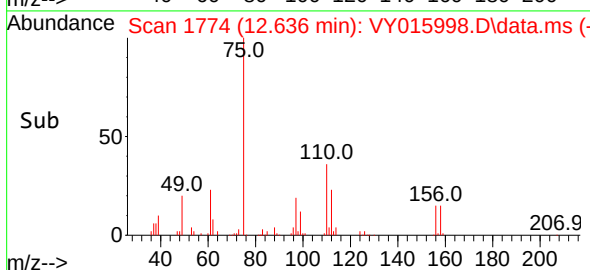
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

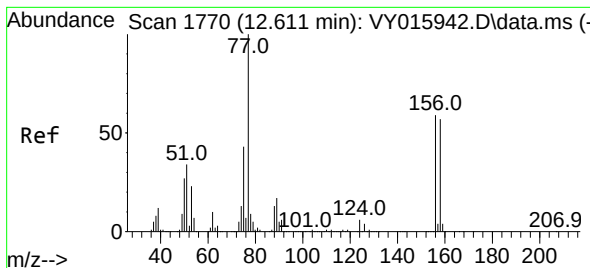


#76
1,2,3-Trichloropropane
Concen: 20.872 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06



Tgt Ion: 75 Resp: 61266
Ion Ratio Lower Upper
75 100
77 176.1 0.0 0.0#





#77

Bromobenzene

Concen: 19.385 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

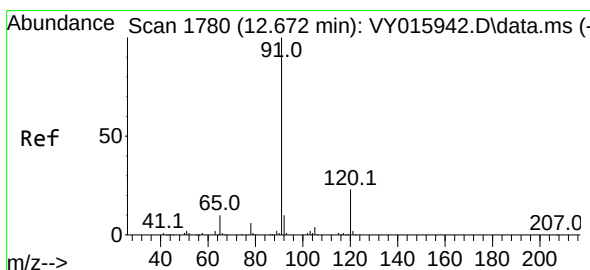
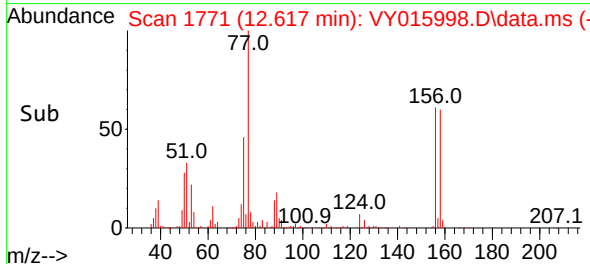
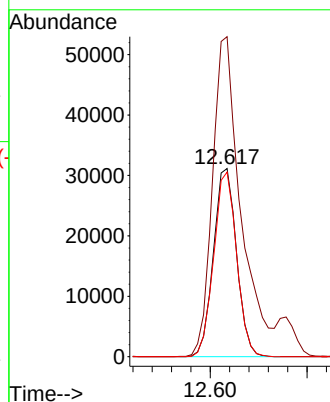
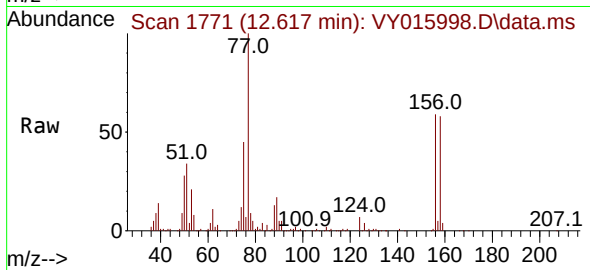
Tgt Ion:	156	Resp:	5167
Ion Ratio	Lower	Upper	
156	100		
77	208.8	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 19.766 ug/l

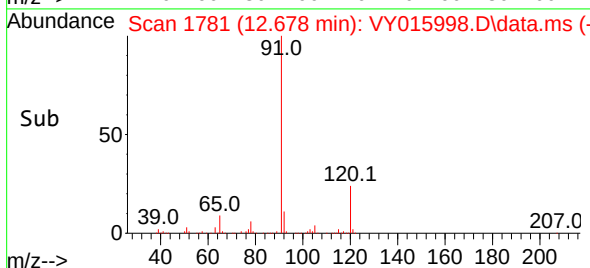
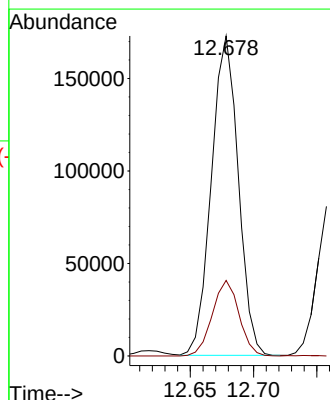
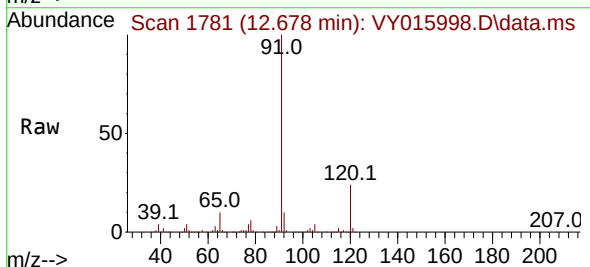
RT: 12.678 min Scan# 1781

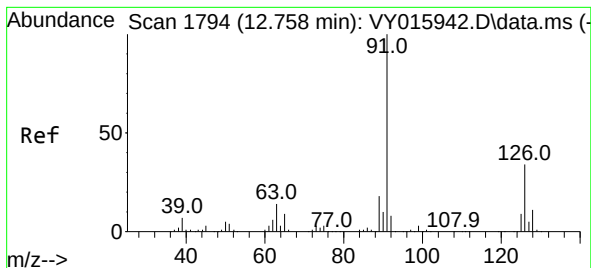
Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:	91	Resp:	255215
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





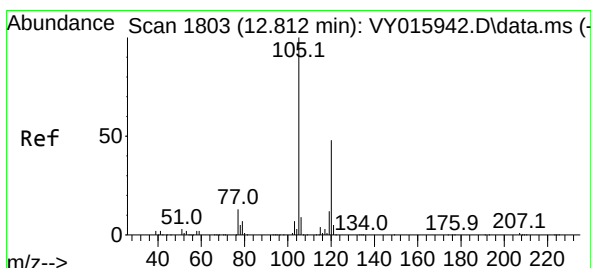
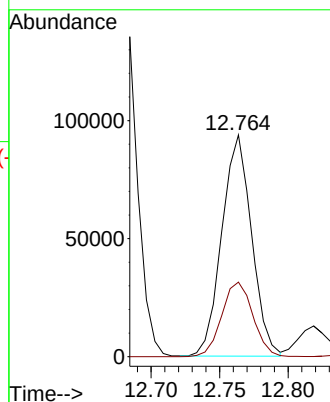
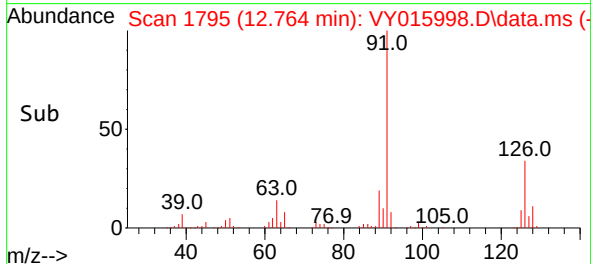
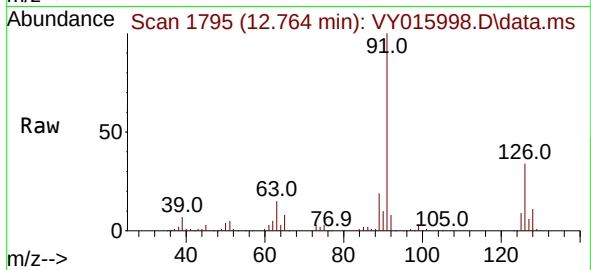
#79
2-Chlorotoluene
Concen: 19.420 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 91 Resp: 14182
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

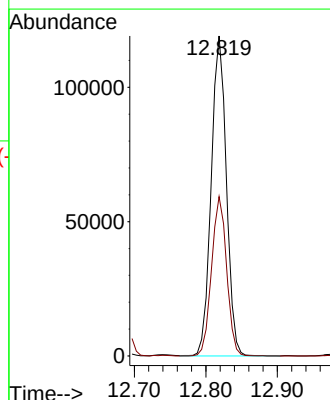
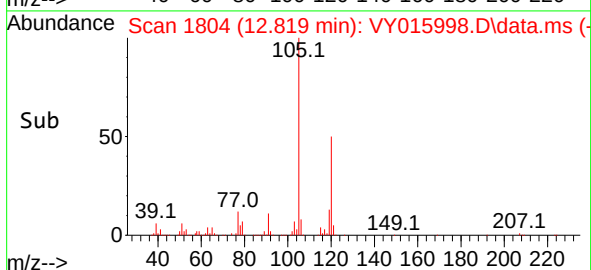
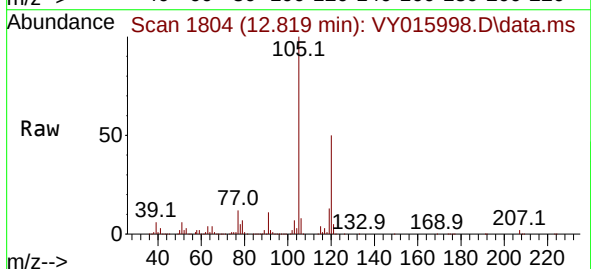
Manual Integrations
APPROVED

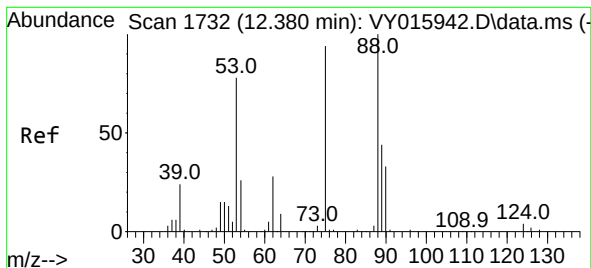
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.890 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:105 Resp: 175458
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





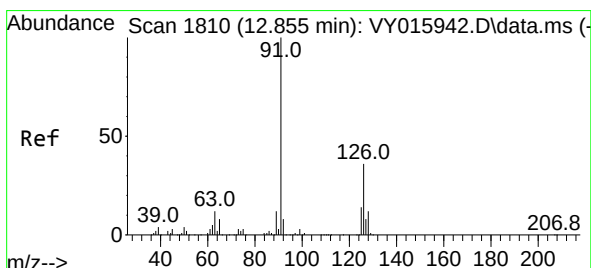
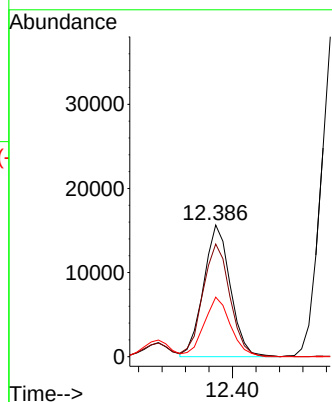
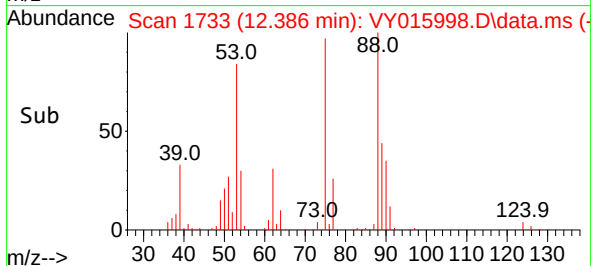
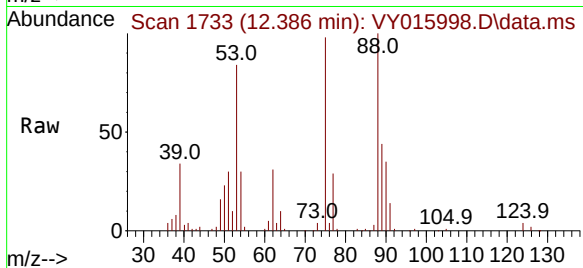
#81
trans-1,4-Dichloro-2-butene
Concen: 19.887 ug/l
RT: 12.386 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion: 75 Resp: 2478
Ion Ratio Lower Upper
75 100
53 87.0 77.8 116.8
89 44.9 37.4 56.0

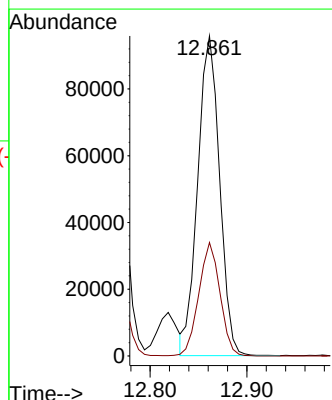
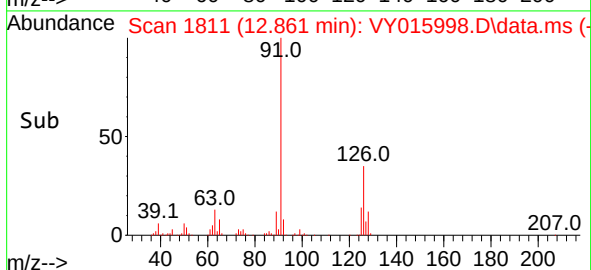
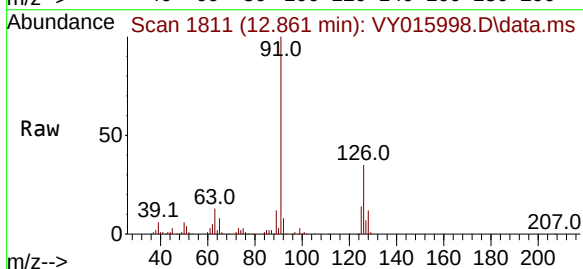
Manual Integrations
APPROVED

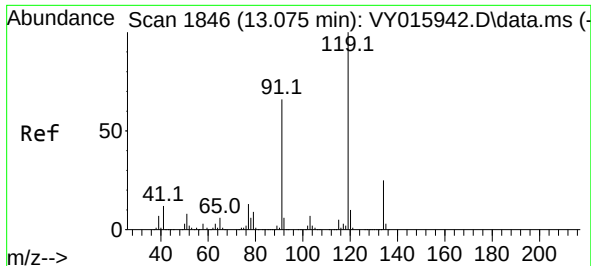
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 20.082 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion: 91 Resp: 150734
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





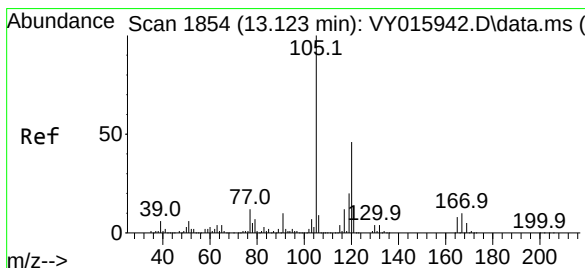
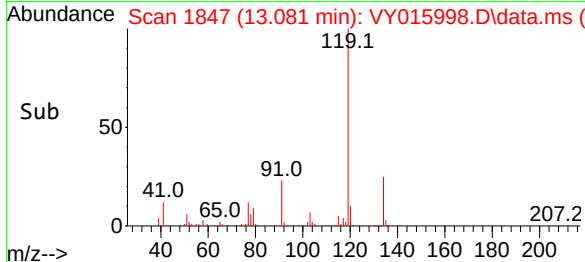
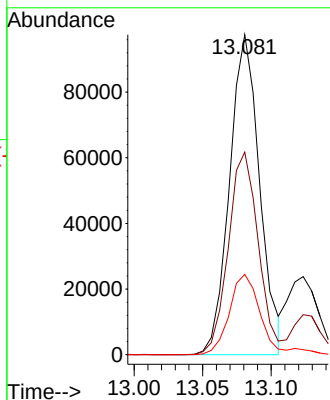
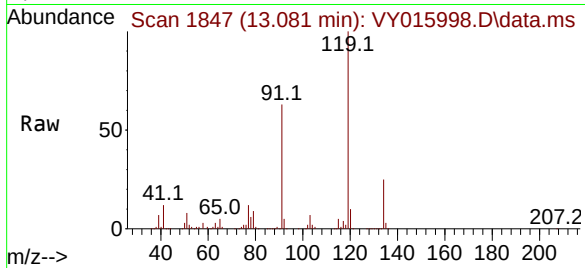
#83
tert-Butylbenzene
Concen: 19.226 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02

Tgt Ion:119 Resp: 149034
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 25.2 13.0 38.9

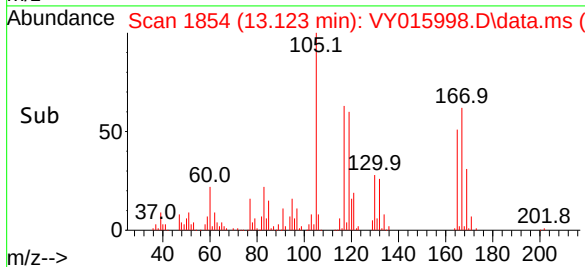
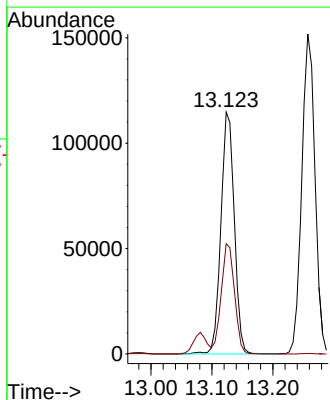
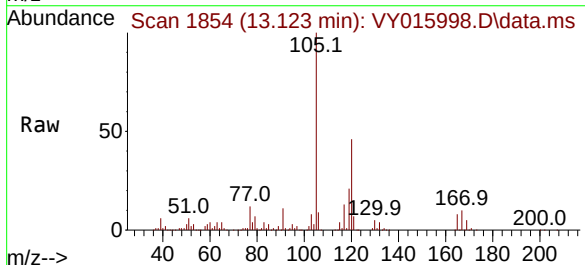
Manual Integrations
APPROVED

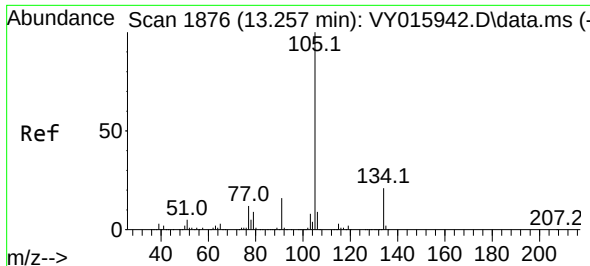
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.799 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:105 Resp: 175319
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





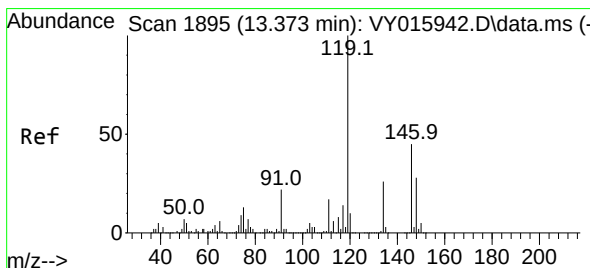
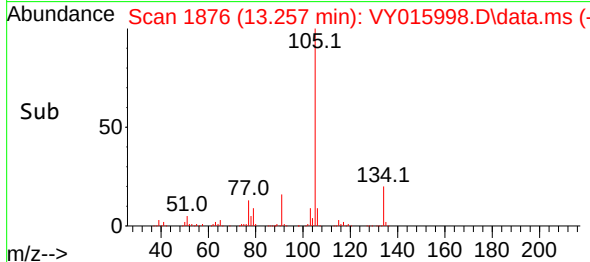
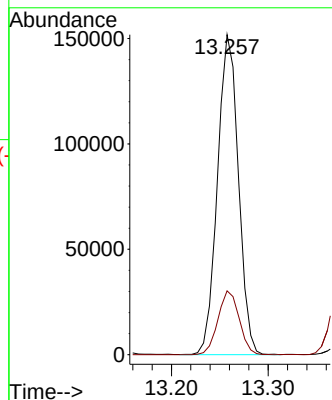
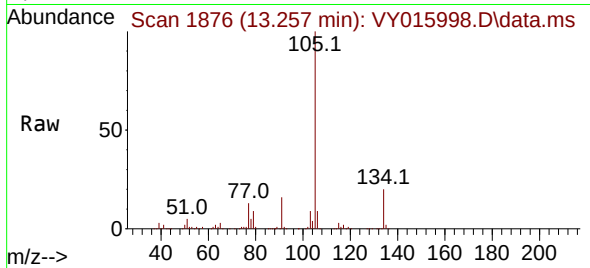
#85
 sec-Butylbenzene
 Concen: 19.826 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS02

Tgt Ion:105 Resp: 22807
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

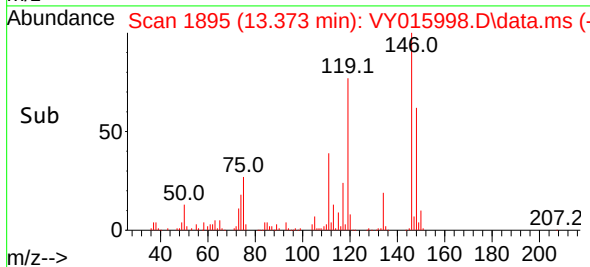
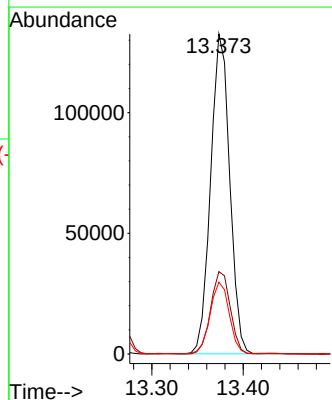
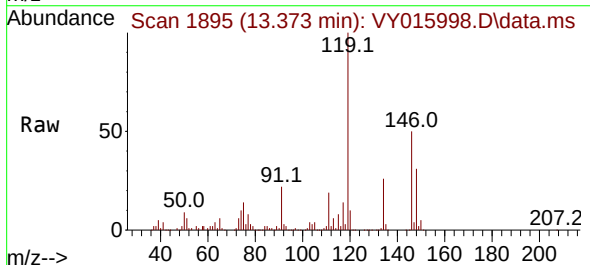
Manual Integrations
 APPROVED

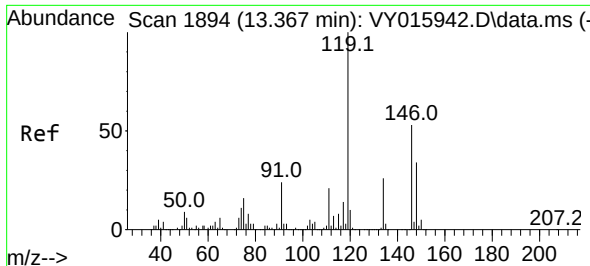
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.931 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY015998.D
 Acq: 17 Oct 2023 12:06

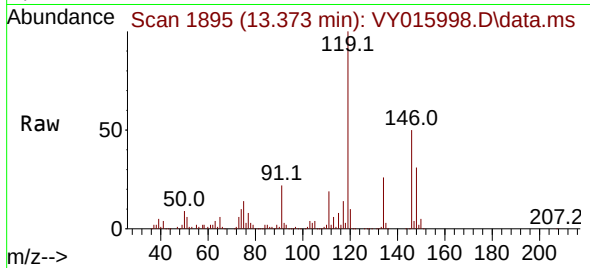
Tgt Ion:119 Resp: 191603
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.884 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

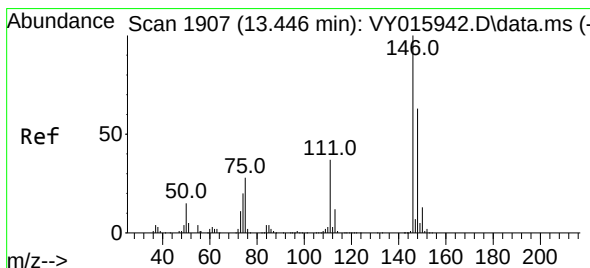
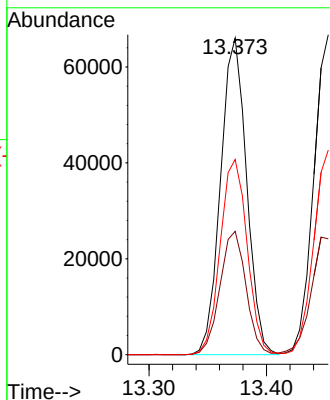
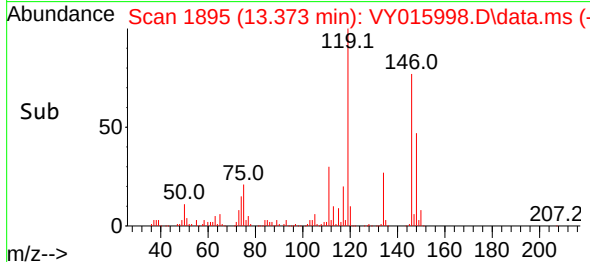
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion:146 Resp: 101780
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.9 31.9 95.5

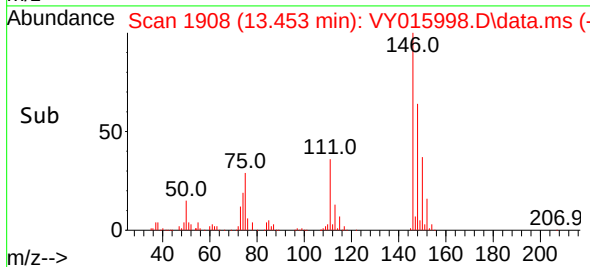
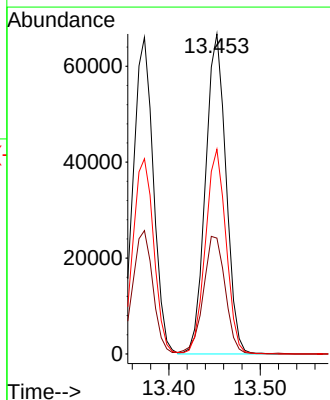
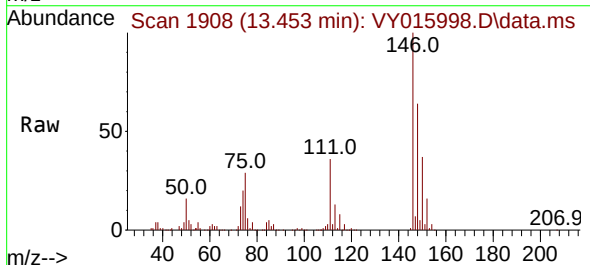
Manual Integrations
APPROVED

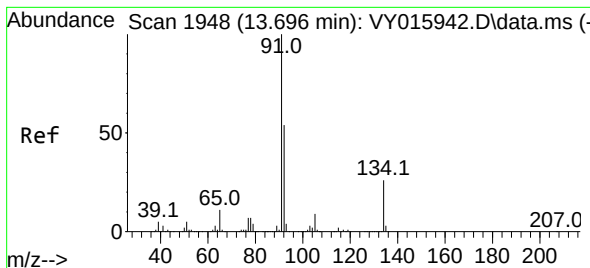
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 20.070 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

Tgt Ion:146 Resp: 103746
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 19.892 ug/l

RT: 13.703 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion: 91 Resp: 17982

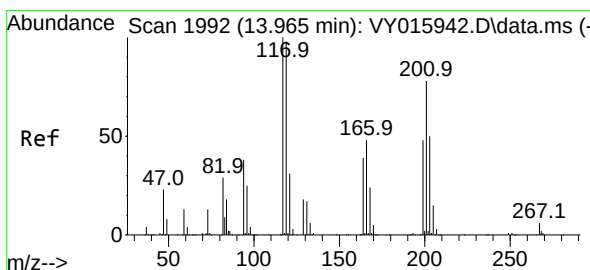
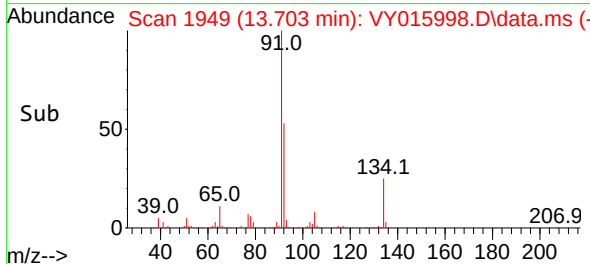
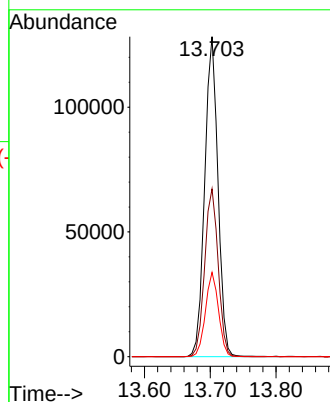
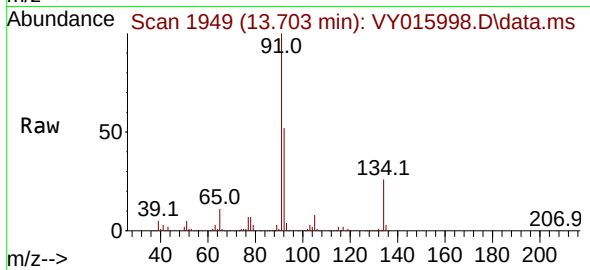
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 19.702 ug/l

RT: 13.965 min Scan# 1992

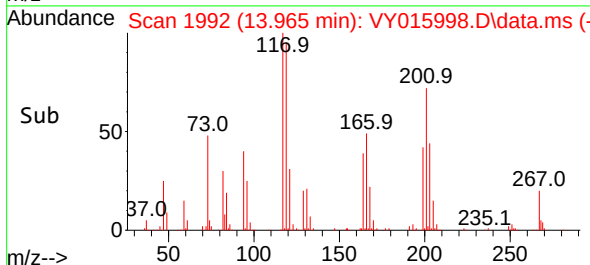
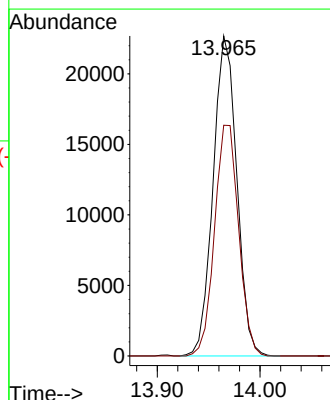
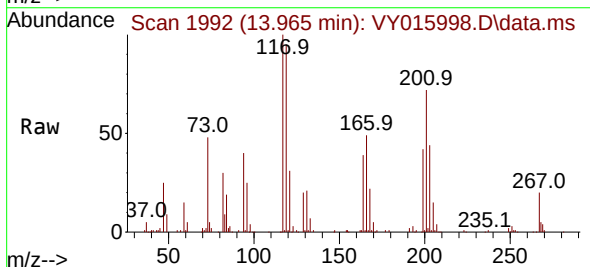
Delta R.T. 0.000 min

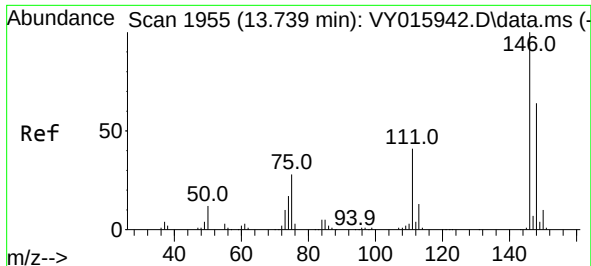
Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:117 Resp: 36301

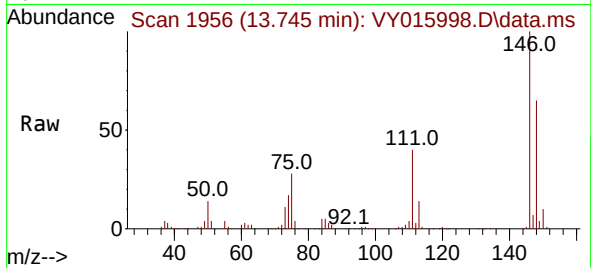
Ion	Ratio	Lower	Upper
117	100		
201	73.2	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 20.150 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06

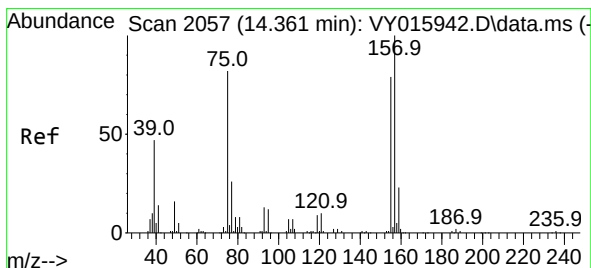
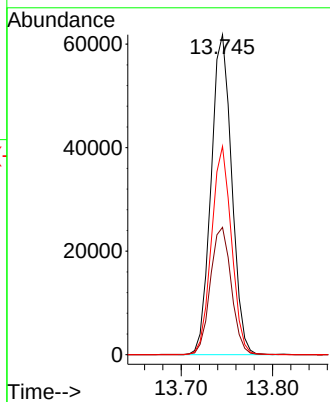
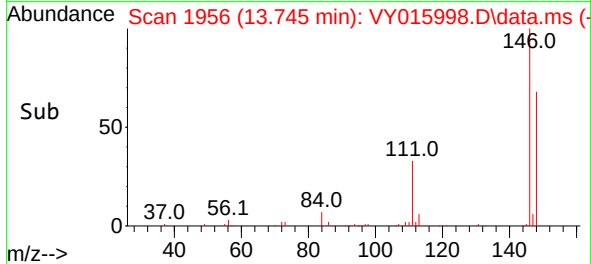
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



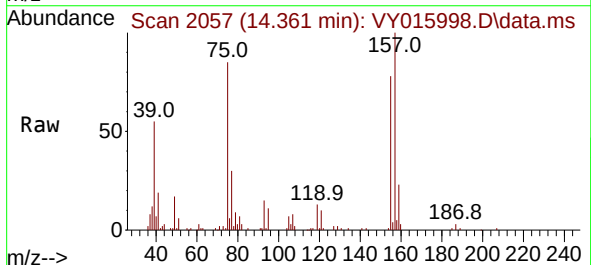
Tgt Ion:146 Resp: 96777
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.2 32.0 96.2

Manual Integrations
APPROVED

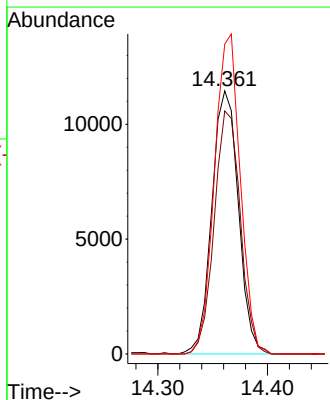
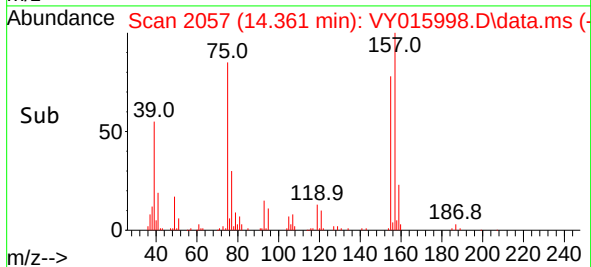
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

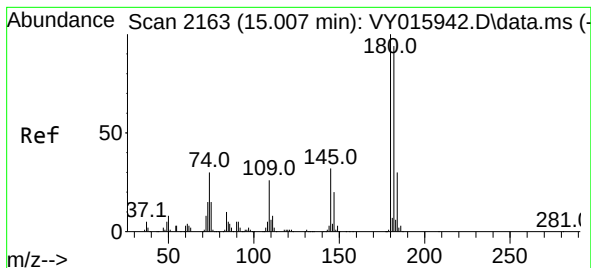


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.664 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015998.D
Acq: 17 Oct 2023 12:06



Tgt Ion: 75 Resp: 19279
Ion Ratio Lower Upper
75 100
155 90.6 41.5 124.6
157 118.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.321 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

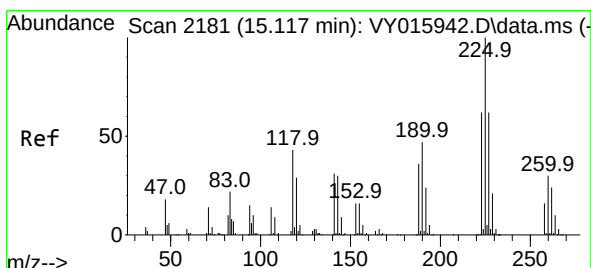
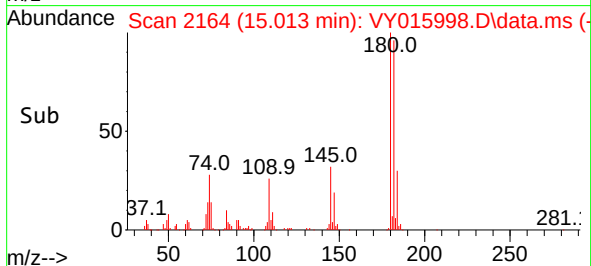
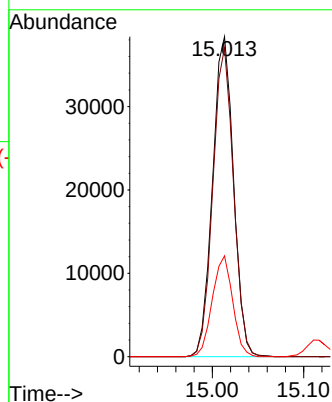
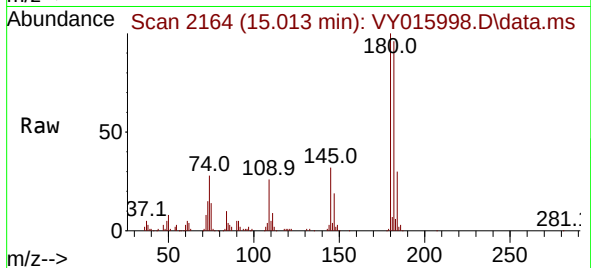
Tgt Ion:180	Resp: 60994
Ion Ratio	Lower Upper
180 100	
182 95.2	47.0 141.2
145 30.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 19.778 ug/l

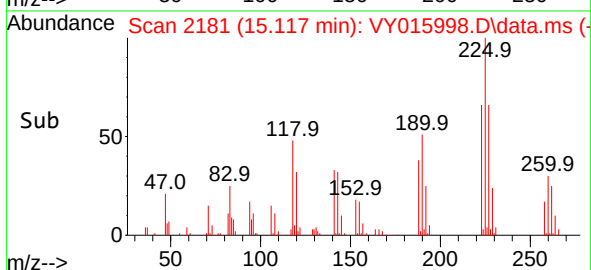
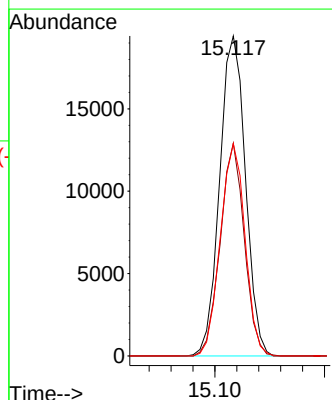
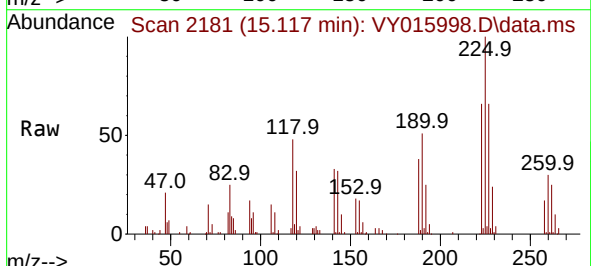
RT: 15.117 min Scan# 2181

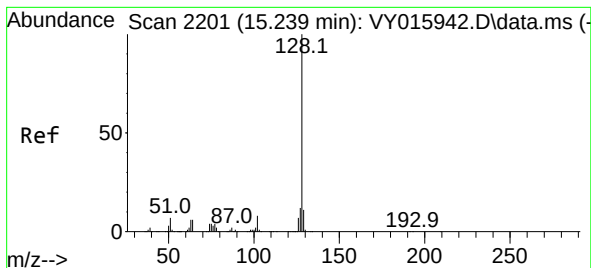
Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:225	Resp: 31701
Ion Ratio	Lower Upper
225 100	
223 62.1	31.9 95.9
227 63.6	33.0 98.9





#95

Naphthalene

Concen: 19.337 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion:128 Resp: 198030

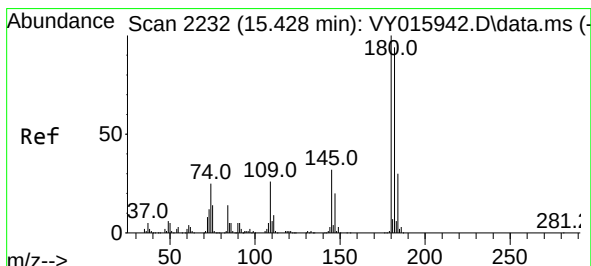
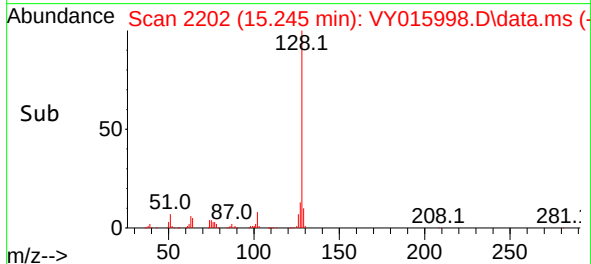
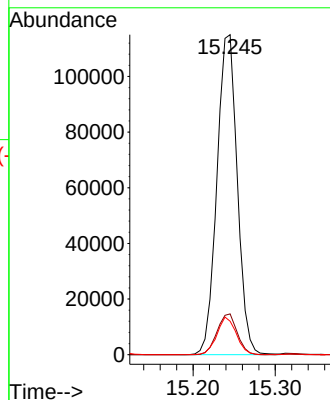
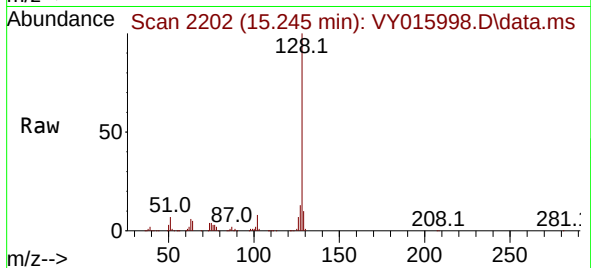
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.317 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015998.D

Acq: 17 Oct 2023 12:06

Tgt Ion:180 Resp: 58461

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	32.9	15.4	46.2

