

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022745.D
 Acq On : 19 Jun 2025 10:49
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
 Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 02:55:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	135425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83987	55.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.900%			
35) Dibromofluoromethane	7.640	113	73993	53.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.103	98	297322	53.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.401	95	85284	51.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	26096	21.523	ug/l	95
3) Chloromethane	2.068	50	65019	18.152	ug/l	98
4) Vinyl Chloride	2.202	62	88253	21.239	ug/l	98
5) Bromomethane	2.592	94	83337	20.925	ug/l	91
6) Chloroethane	2.732	64	65358	22.916	ug/l	96
7) Trichlorofluoromethane	3.050	101	83499	23.670	ug/l	99
8) Diethyl Ether	3.452	74	17678	22.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	34081	22.939	ug/l	99
10) Methyl Iodide	4.001	142	32515	20.223	ug/l	97
11) Tert butyl alcohol	4.860	59	12104	111.886	ug/l	96
12) 1,1-Dichloroethene	3.787	96	30544	21.508	ug/l	98
13) Acrolein	3.653	56	8808	65.331	ug/l	98
14) Allyl chloride	4.379	41	47032	21.096	ug/l	98
15) Acrylonitrile	5.061	53	38910	115.649	ug/l	98
16) Acetone	3.866	43	47919	155.781	ug/l	98
17) Carbon Disulfide	4.104	76	92467	20.337	ug/l	96
18) Methyl Acetate	4.391	43	19939	21.889	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	87026	21.756	ug/l	96
20) Methylene Chloride	4.610	84	38557	22.067	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	35720	22.473	ug/l	91
22) Diisopropyl ether	6.018	45	109899	22.146	ug/l	98
23) Vinyl Acetate	5.964	43	320488	109.114	ug/l	98
24) 1,1-Dichloroethane	5.915	63	69556	23.792	ug/l	98
25) 2-Butanone	6.890	43	59102	133.202	ug/l	100
26) 2,2-Dichloropropane	6.878	77	57336	22.197	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	40864	22.243	ug/l	96
28) Bromochloromethane	7.244	49	28957	22.722	ug/l	96
29) Tetrahydrofuran	7.268	42	31900	111.471	ug/l	99
30) Chloroform	7.421	83	66956	23.123	ug/l	95
31) Cyclohexane	7.701	56	59613	20.482	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	57994	22.561	ug/l	97
36) 1,1-Dichloropropene	7.835	75	48032	21.512	ug/l	99
37) Ethyl Acetate	6.982	43	24241	24.345	ug/l #	78
38) Carbon Tetrachloride	7.817	117	49727	21.709	ug/l	94
39) Methylcyclohexane	9.109	83	59995	19.994	ug/l	99
40) Benzene	8.079	78	148616	22.535	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11179	19.221	ug/l #	67
42) 1,2-Dichloroethane	8.158	62	41080	22.813	ug/l	100
43) Isopropyl Acetate	8.201	43	46062	21.419	ug/l #	86
44) Trichloroethene	8.866	130	36262	22.498	ug/l	91
45) 1,2-Dichloropropane	9.140	63	36412	23.362	ug/l	99
46) Dibromomethane	9.231	93	19946	22.747	ug/l	97
47) Bromodichloromethane	9.420	83	50934	22.909	ug/l	98
48) Methyl methacrylate	9.219	41	20272	20.085	ug/l	90
49) 1,4-Dioxane	9.231	88	4577	440.604	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	120225	112.131	ug/l	98
52) Toluene	10.170	92	90080	21.735	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	45852	22.010	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	54401	22.433	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	26082	23.327	ug/l	97
56) Ethyl methacrylate	10.438	69	33531	20.749	ug/l	96
57) 1,3-Dichloropropane	10.713	76	45759	23.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	85409	116.408	ug/l	100
59) 2-Hexanone	10.762	43	85093	118.668	ug/l	99
60) Dibromochloromethane	10.914	129	31860	22.422	ug/l	100
61) 1,2-Dibromoethane	11.011	107	22860	22.432	ug/l	99
64) Tetrachloroethene	10.646	164	43094	25.552	ug/l	97
65) Chlorobenzene	11.438	112	96594	22.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	31846	21.789	ug/l	98
67) Ethyl Benzene	11.517	91	169161	21.021	ug/l	99
68) m/p-Xylenes	11.627	106	127883	41.921	ug/l	99
69) o-Xylene	11.950	106	59766	20.896	ug/l	99
70) Styrene	11.969	104	100236	21.202	ug/l	98
71) Bromoform	12.127	173	17537	22.548	ug/l #	97
73) Isopropylbenzene	12.255	105	156255	21.104	ug/l	99
74) N-amyl acetate	12.066	43	39501	21.144	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	26508	21.813	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	20149m	19.529	ug/l	
77) Bromobenzene	12.530	156	33851	21.665	ug/l	97
78) n-propylbenzene	12.590	91	193686	21.417	ug/l	100
79) 2-Chlorotoluene	12.676	91	105023	21.912	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	124094	21.348	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	8732	20.438	ug/l	96
82) 4-Chlorotoluene	12.773	91	105245	21.285	ug/l	99
83) tert-Butylbenzene	12.993	119	110529	21.185	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	121217	20.849	ug/l	99
85) sec-Butylbenzene	13.170	105	169468	21.209	ug/l	100
86) p-Isopropyltoluene	13.292	119	136555	20.733	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	68812	21.737	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	68515	22.314	ug/l	99
89) n-Butylbenzene	13.615	91	130440	20.874	ug/l	99
90) Hexachloroethane	13.877	117	28758	22.428	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	59871	22.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4327	24.456	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	31089	21.208	ug/l	98
94) Hexachlorobutadiene	15.023	225	17487	21.613	ug/l	99
95) Naphthalene	15.139	128	59033	20.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	28183	22.433	ug/l	96

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

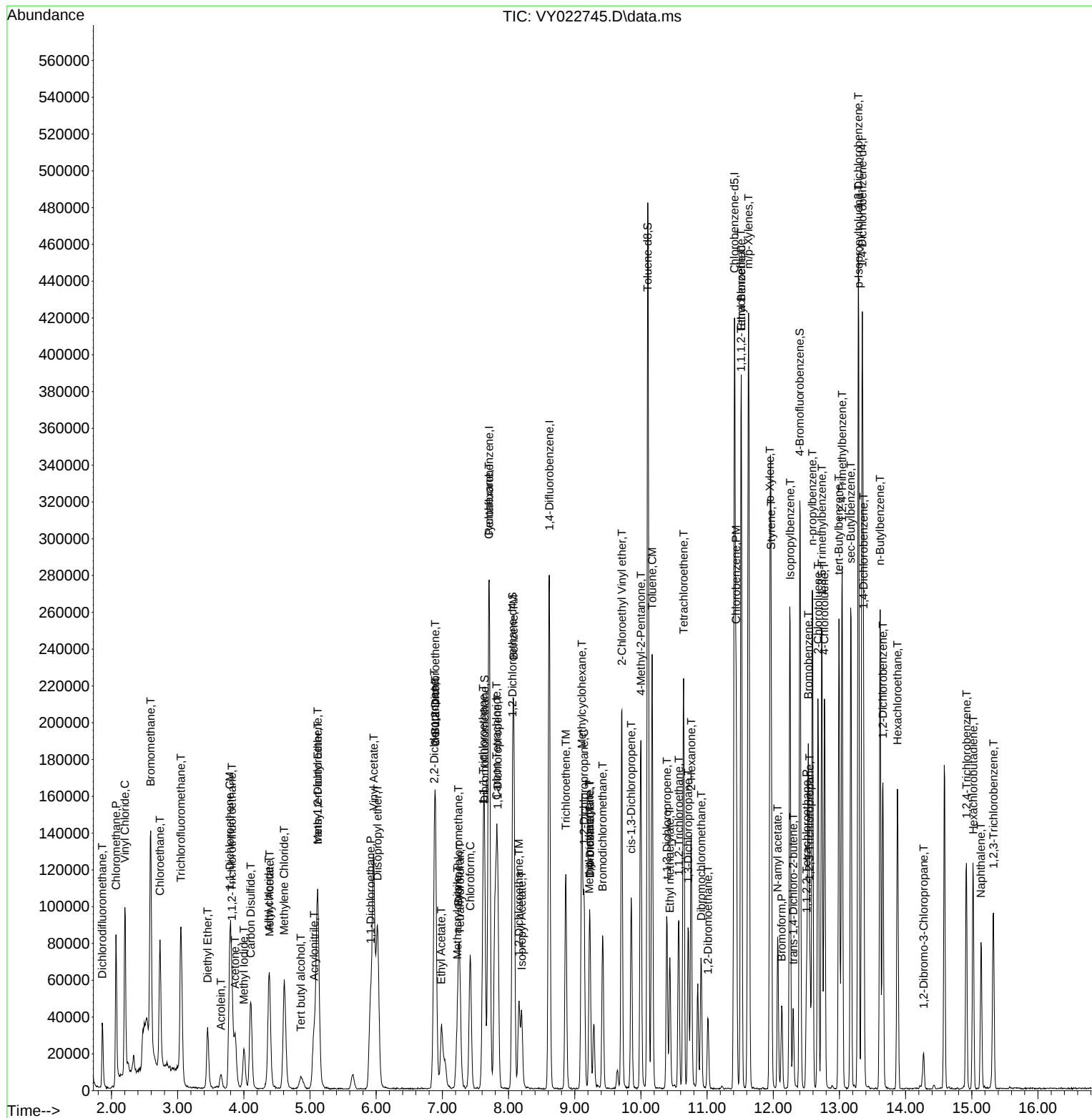
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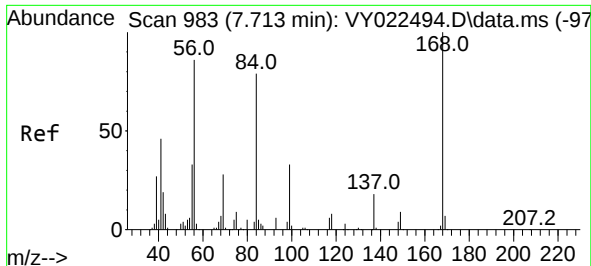
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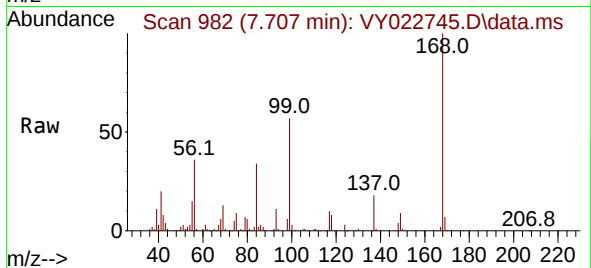
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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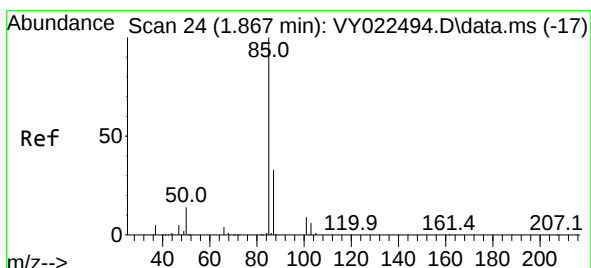
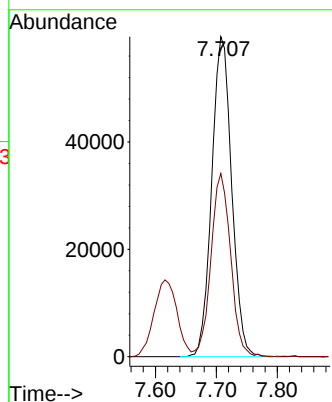
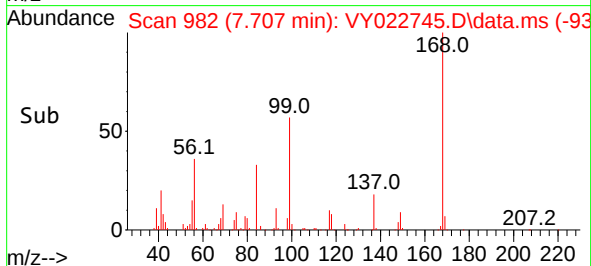
Instrument :
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Tgt Ion:168 Resp: 135425
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5

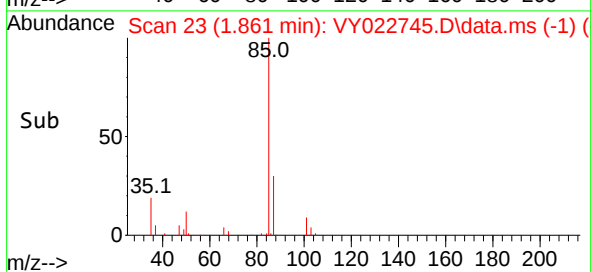
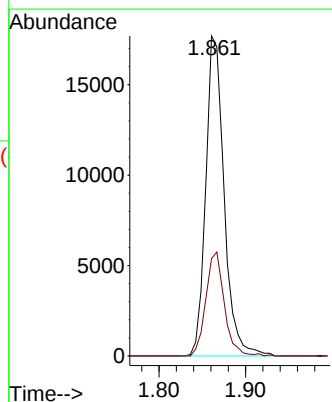
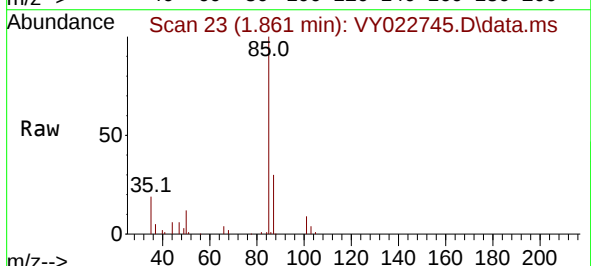
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#2
Dichlorodifluoromethane
Concen: 21.523 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

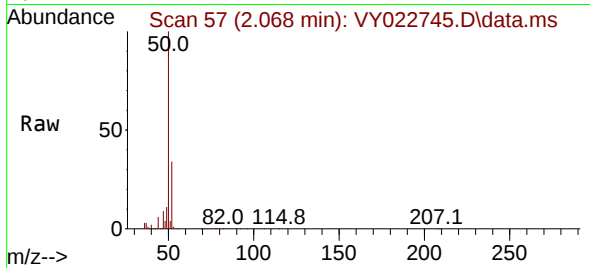
Tgt Ion: 85 Resp: 26096
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0





#3
Chloromethane
Concen: 18.152 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

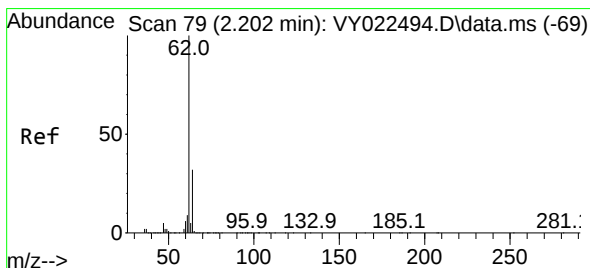
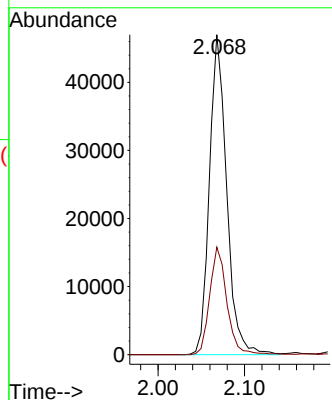
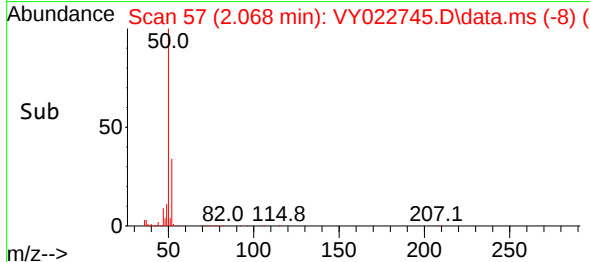
Instrument :
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ClientSampleId :
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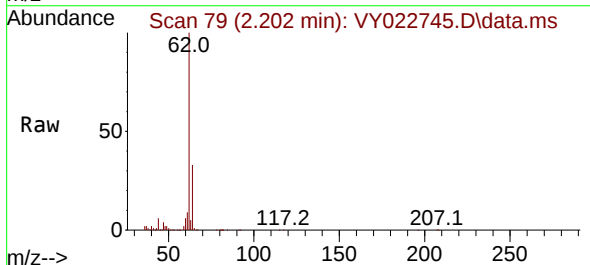
Tgt Ion: 50 Resp: 65019
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

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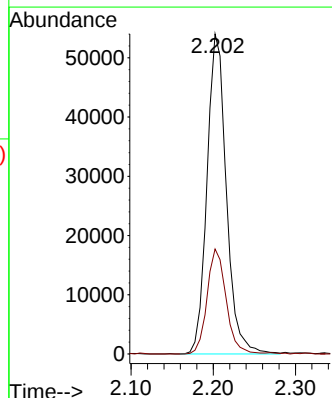
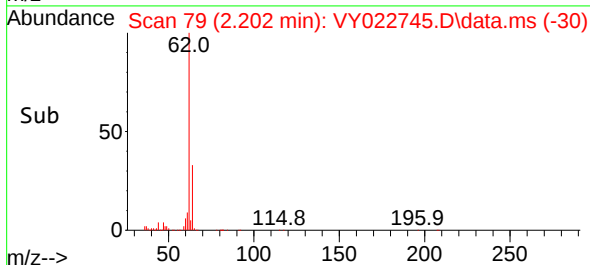
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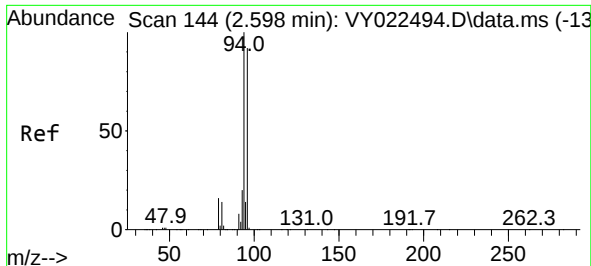


#4
Vinyl Chloride
Concen: 21.239 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



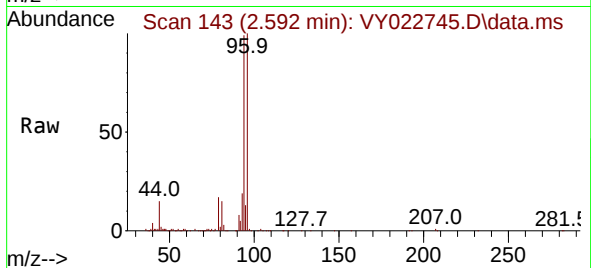
Tgt Ion: 62 Resp: 88253
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





#5
Bromomethane
Concen: 20.925 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

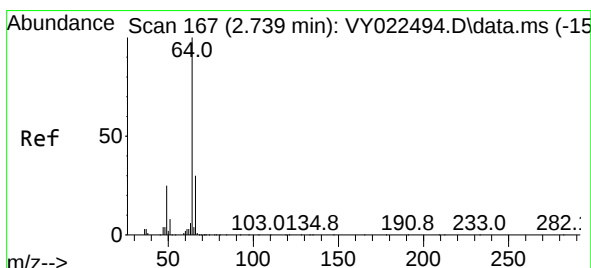
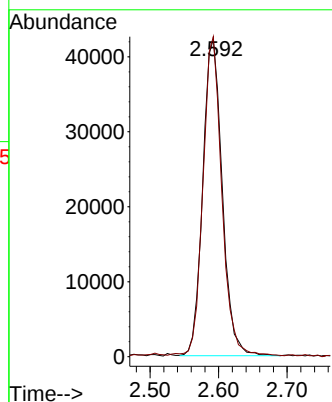
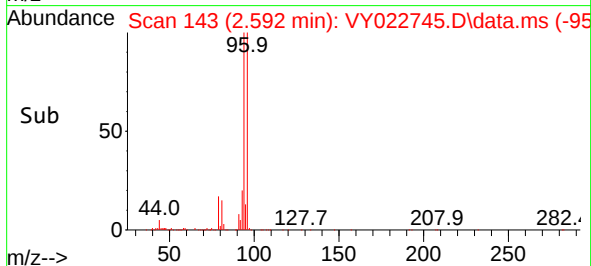
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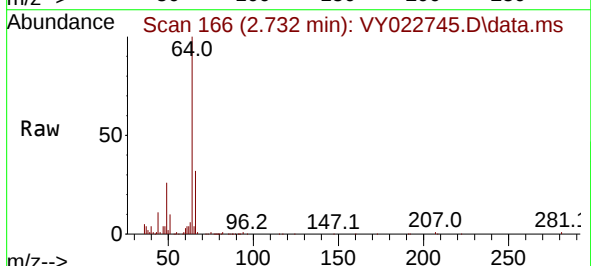
Tgt Ion: 94 Resp: 8333
Ion Ratio Lower Upper
94 100
96 100.7 74.0 111.0

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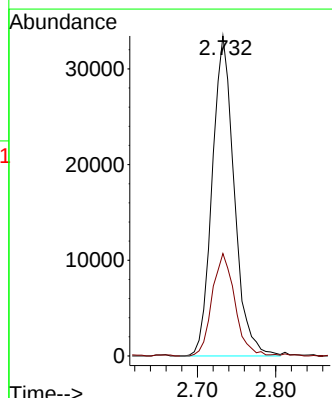
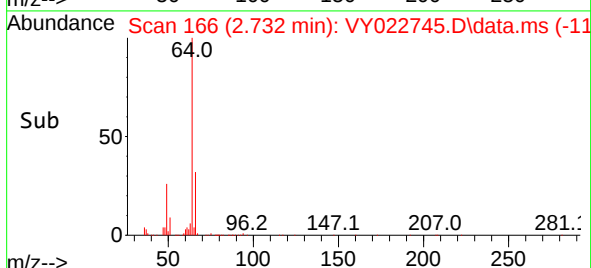
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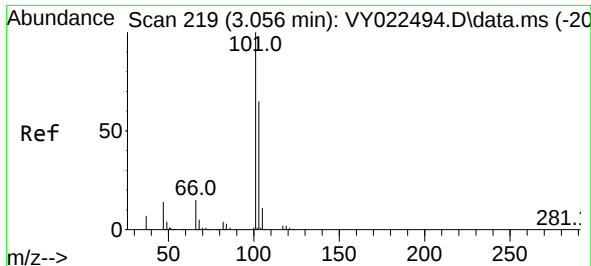


#6
Chloroethane
Concen: 22.916 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022745.D
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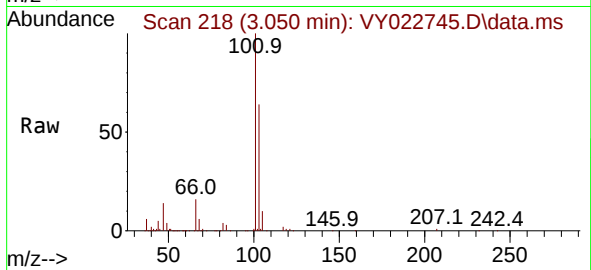
Tgt Ion: 64 Resp: 65358
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 23.670 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

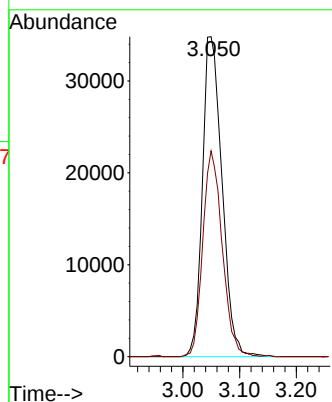
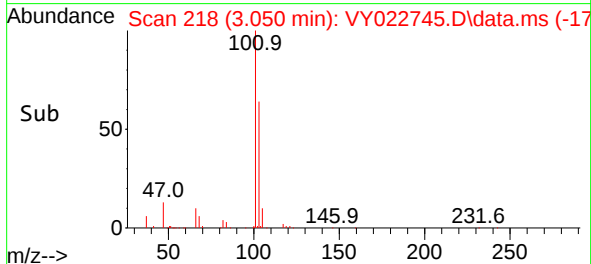
Instrument :
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 VY0619SBS01



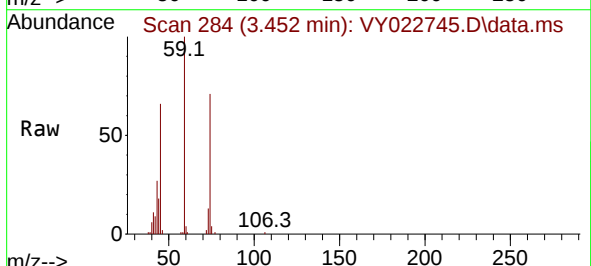
Tgt Ion:101 Resp: 83499
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

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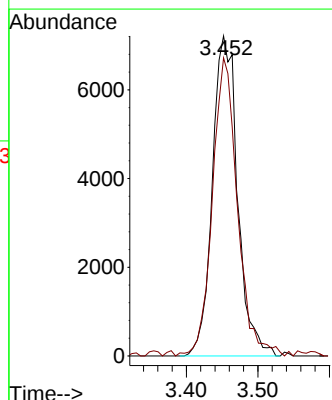
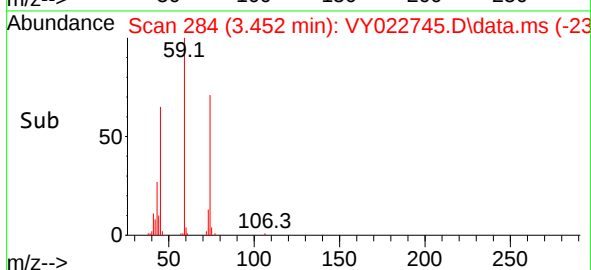
Reviewed By :Semsettin Yesilyurt 06/21/2025
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#8
 Diethyl Ether
 Concen: 22.253 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49



Tgt Ion: 74 Resp: 17678
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.9 137.6





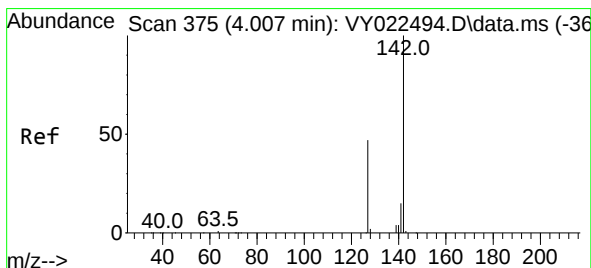
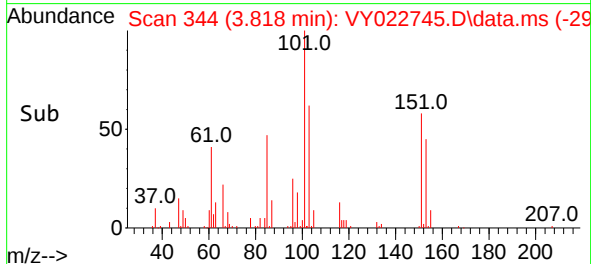
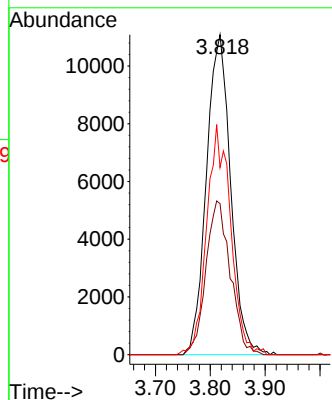
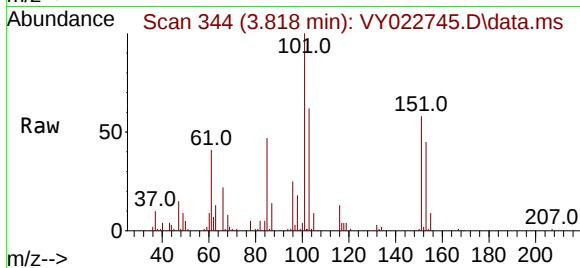
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.939 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:101 Resp: 3408
Ion Ratio Lower Upper
101 100
85 48.3 39.3 58.9
151 70.9 57.8 86.8

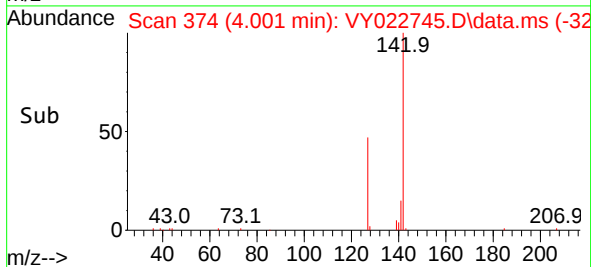
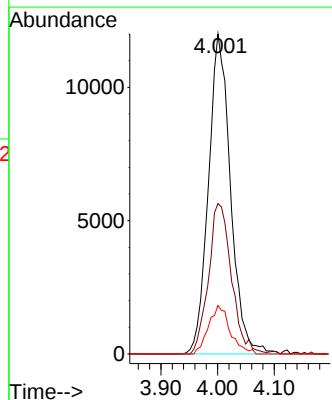
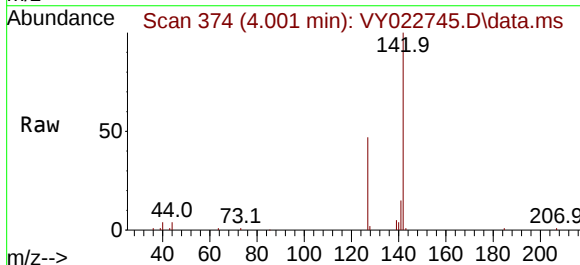
Manual Integrations
APPROVED

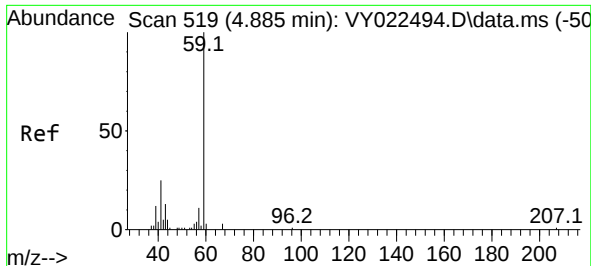
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 20.223 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

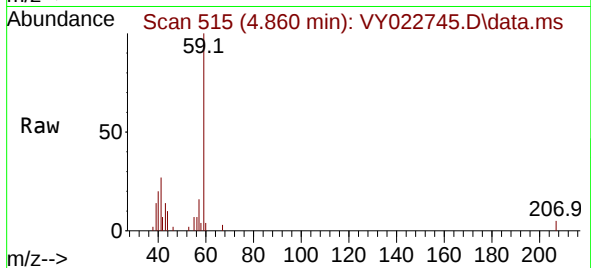
Tgt Ion:142 Resp: 32515
Ion Ratio Lower Upper
142 100
127 48.7 37.1 55.7
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 111.886 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

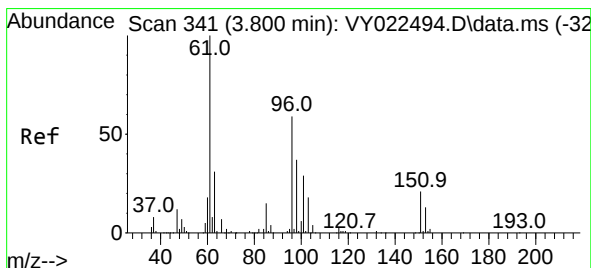
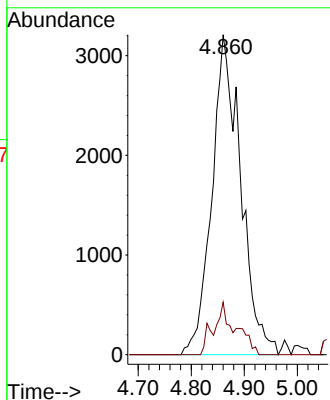
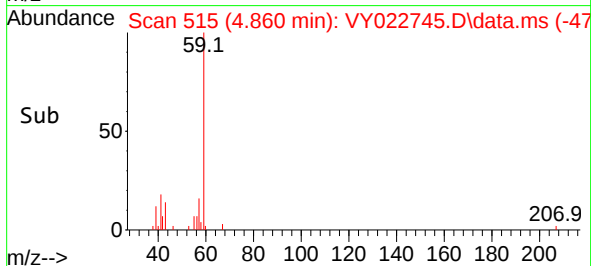
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 59 Resp: 12104
Ion Ratio Lower Upper
59 100
57 8.6 8.0 12.0

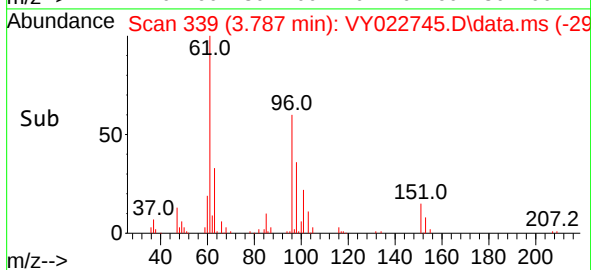
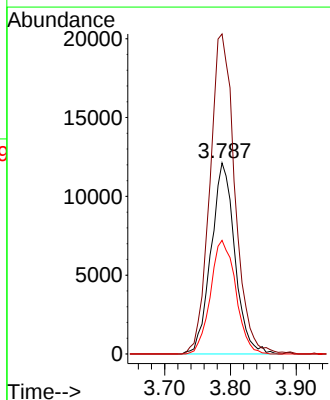
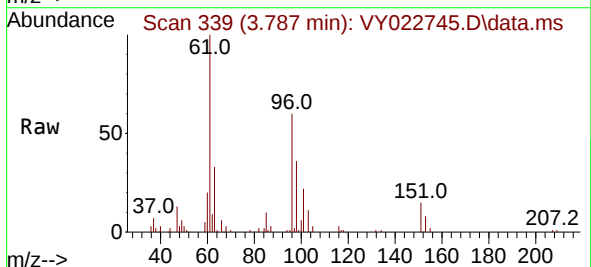
Manual Integrations
APPROVED

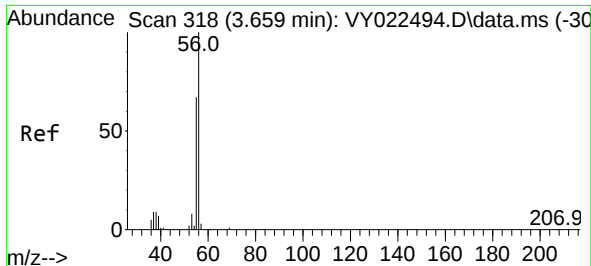
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 21.508 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

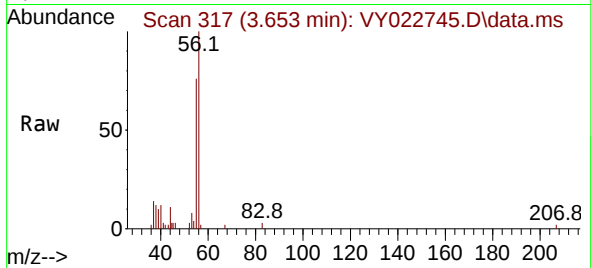
Tgt Ion: 96 Resp: 30544
Ion Ratio Lower Upper
96 100
61 167.5 134.6 201.8
98 59.5 50.2 75.4





#13
Acrolein
Concen: 65.331 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

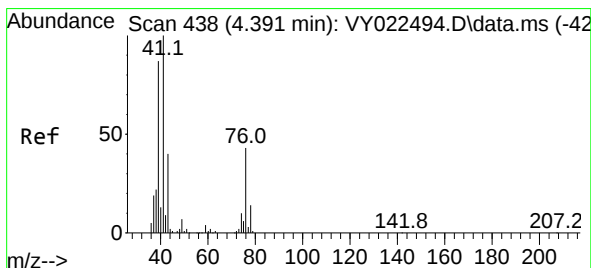
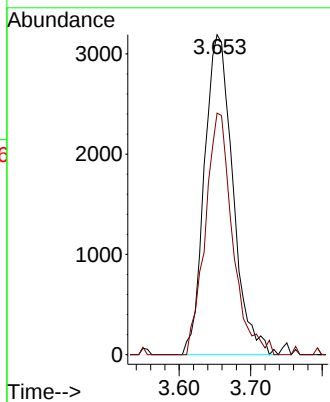
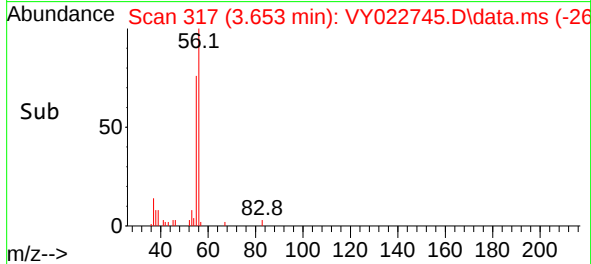
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 56 Resp: 8808
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6

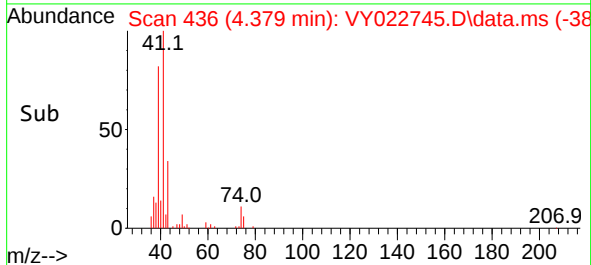
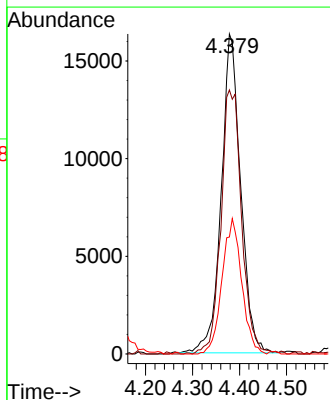
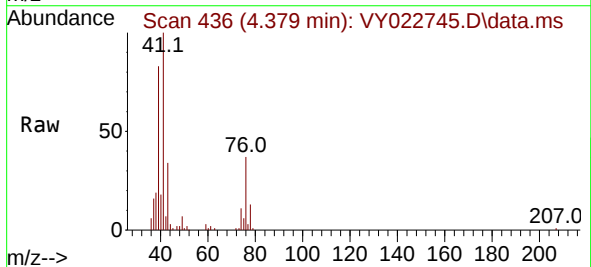
Manual Integrations
APPROVED

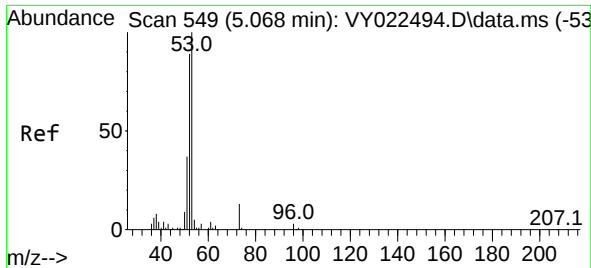
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 21.096 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

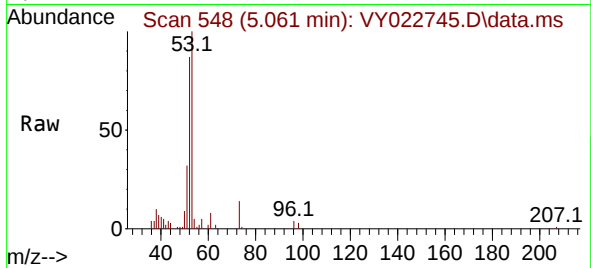
Tgt Ion: 41 Resp: 47032
Ion Ratio Lower Upper
41 100
39 87.9 69.1 103.7
76 42.8 33.5 50.3





#15
Acrylonitrile
Concen: 115.649 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

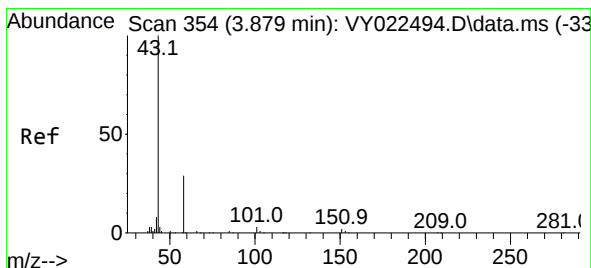
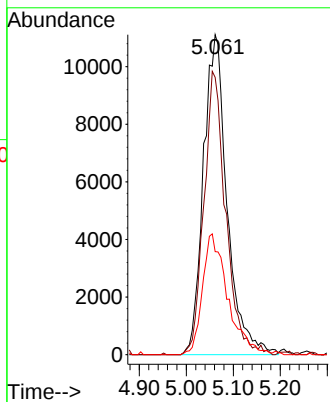
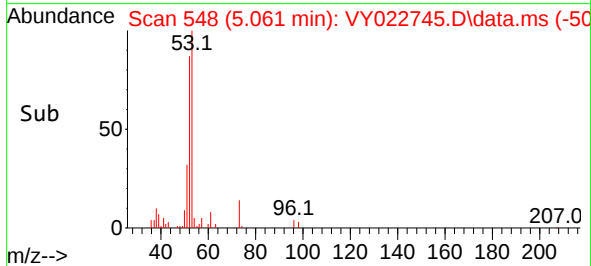
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 53 Resp: 38910
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 40.2 30.1 45.1

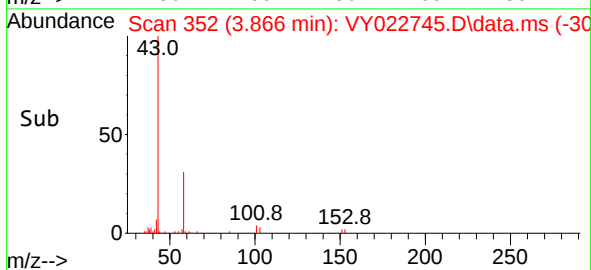
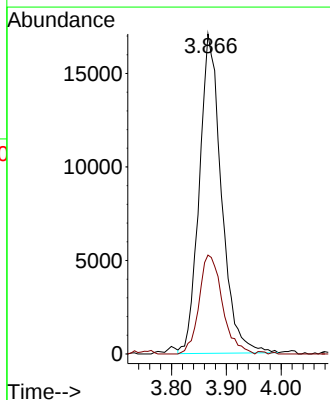
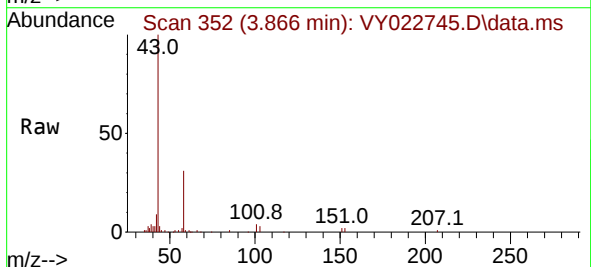
Manual Integrations
APPROVED

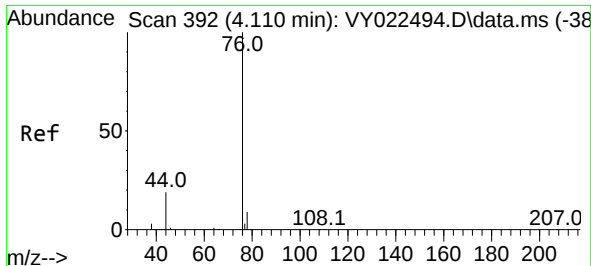
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 155.781 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 43 Resp: 47919
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0





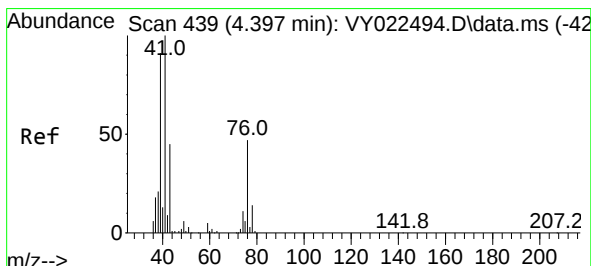
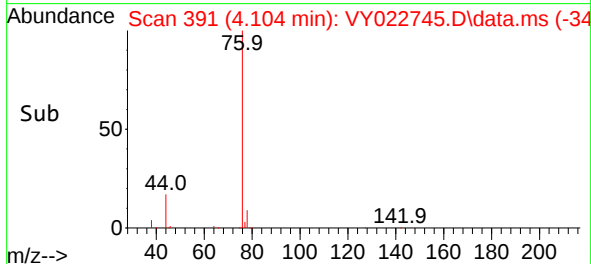
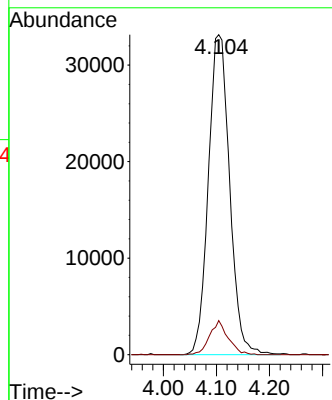
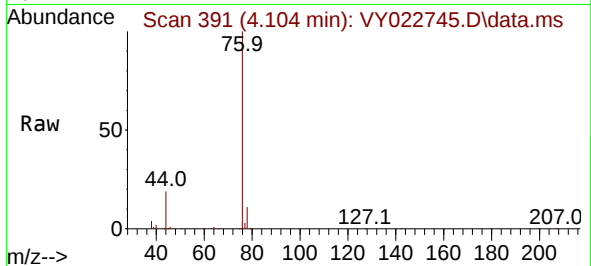
#17
Carbon Disulfide
Concen: 20.337 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 76 Resp: 9246
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2

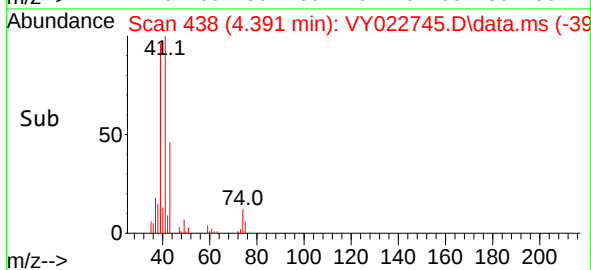
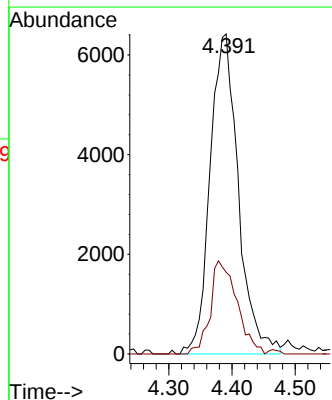
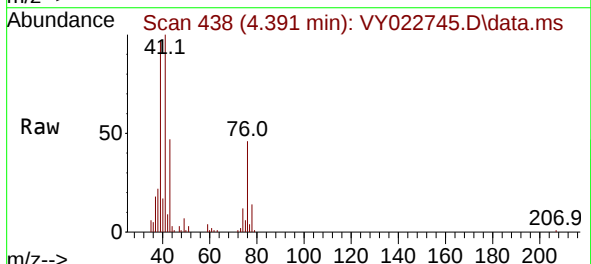
Manual Integrations
APPROVED

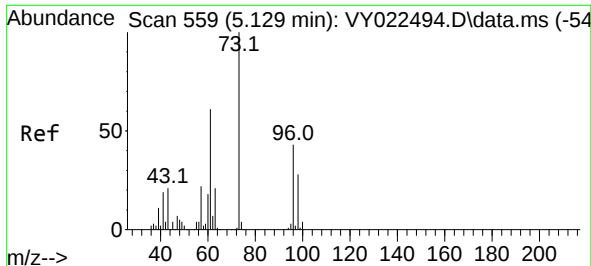
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 21.889 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

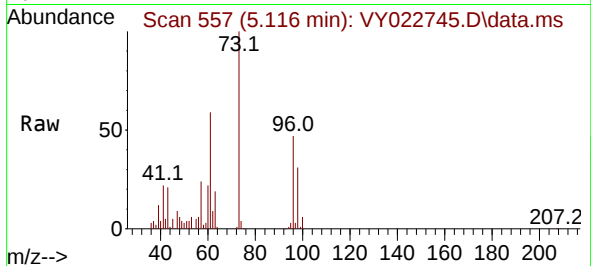
Tgt Ion: 43 Resp: 19939
Ion Ratio Lower Upper
43 100
74 27.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 21.756 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

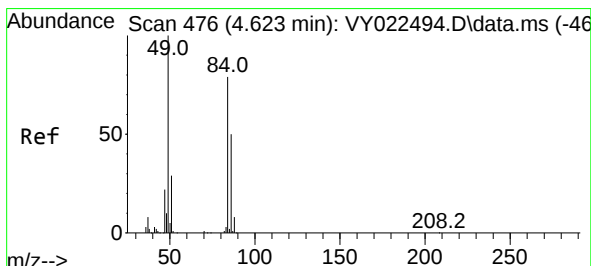
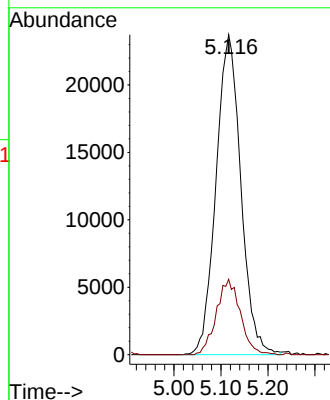
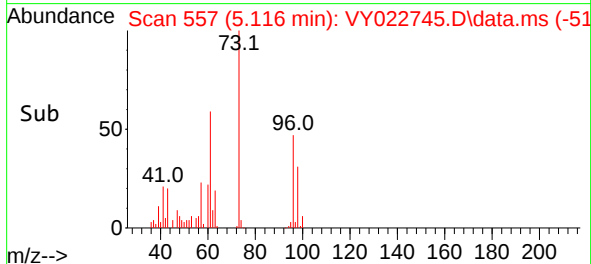
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



Tgt Ion: 73 Resp: 87020
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0

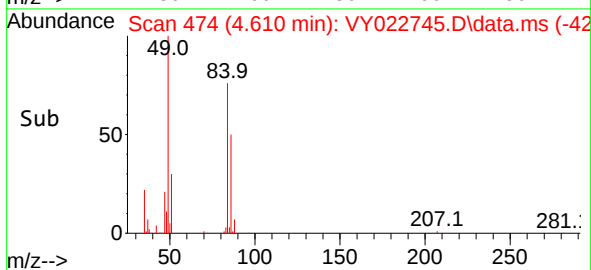
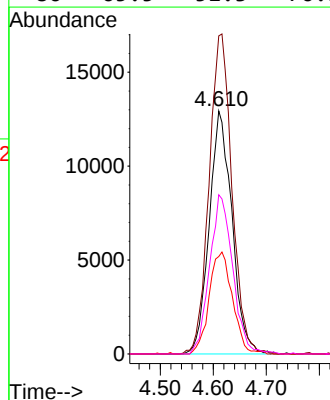
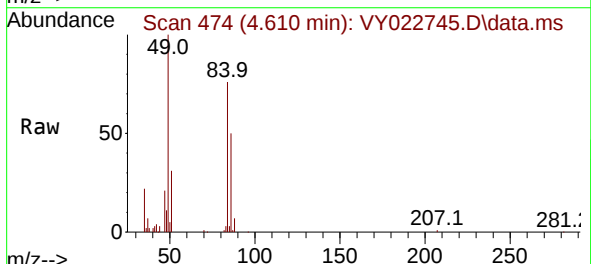
Manual Integrations
APPROVED

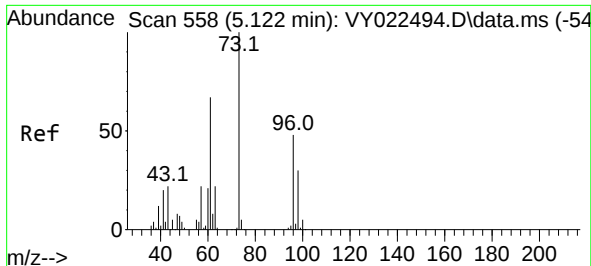
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 22.067 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

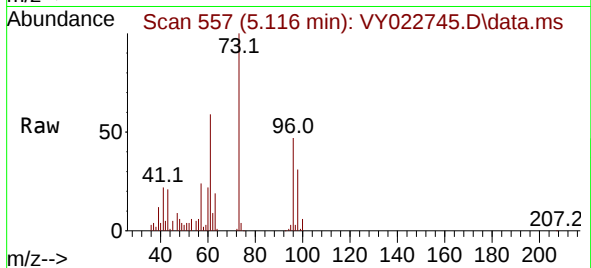
Tgt Ion: 84 Resp: 38557
Ion Ratio Lower Upper
84 100
49 130.9 101.9 152.9
51 40.1 29.8 44.8
86 65.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 22.473 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

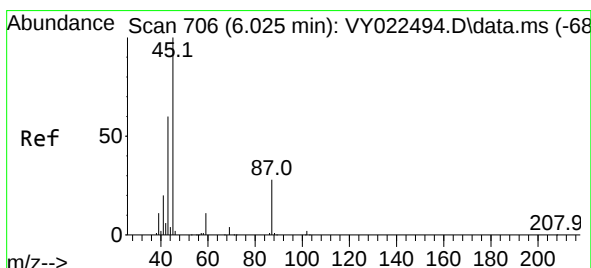
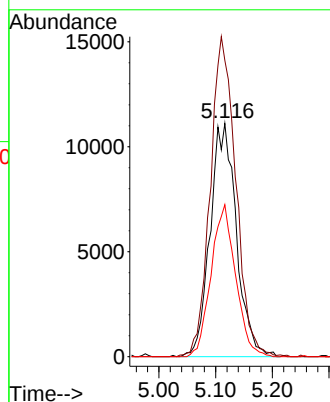
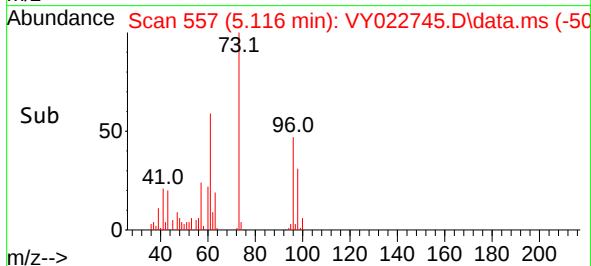
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 96 Resp: 35720
Ion Ratio Lower Upper
96 100
61 126.3 112.6 169.0
98 65.1 50.6 75.8

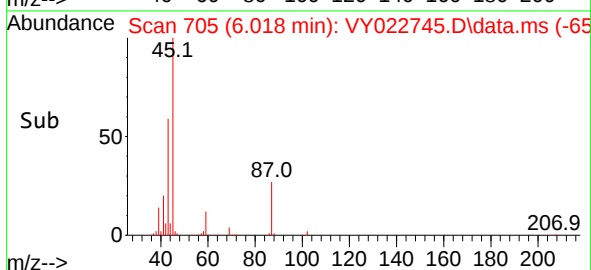
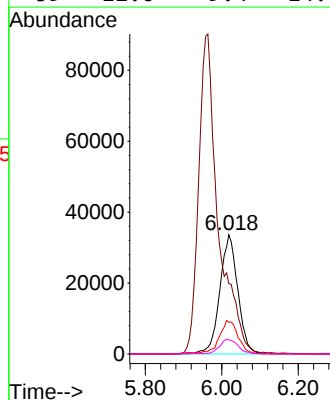
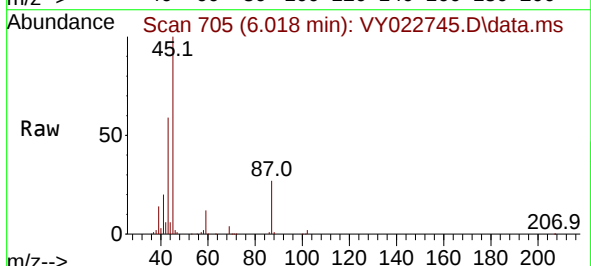
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 22.146 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 45 Resp: 109899
Ion Ratio Lower Upper
45 100
43 59.0 48.3 72.5
87 26.6 23.0 34.6
59 12.0 9.4 14.0





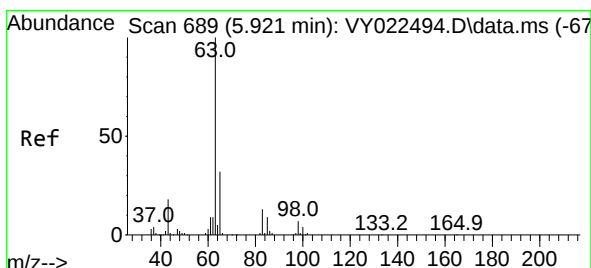
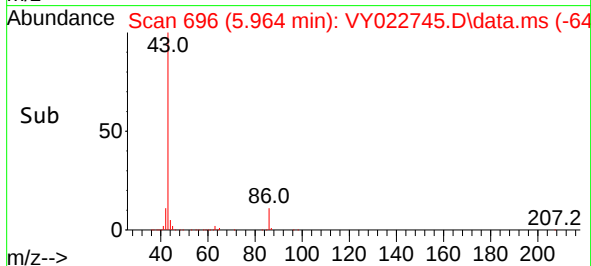
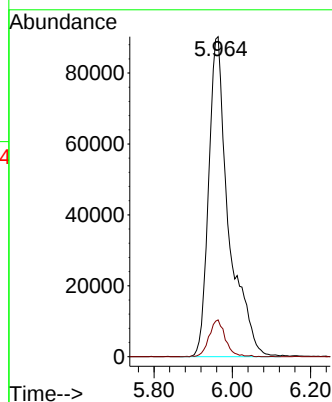
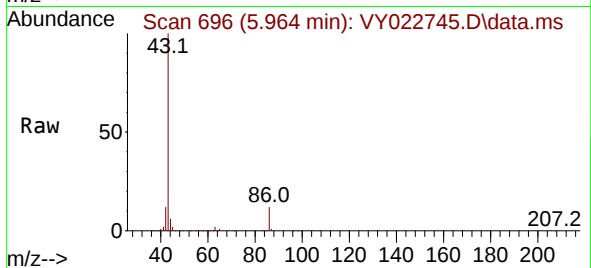
#23
 Vinyl Acetate
 Concen: 109.114 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Tgt Ion: 43 Resp: 32048
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8

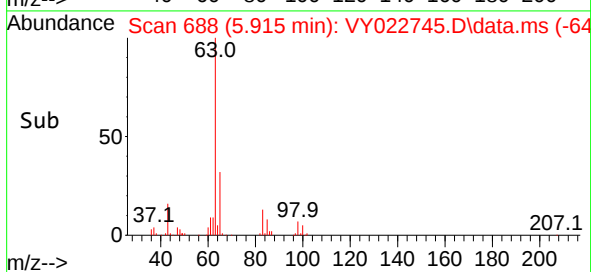
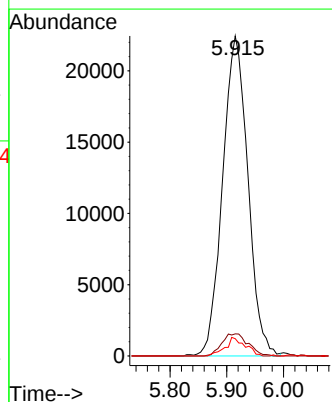
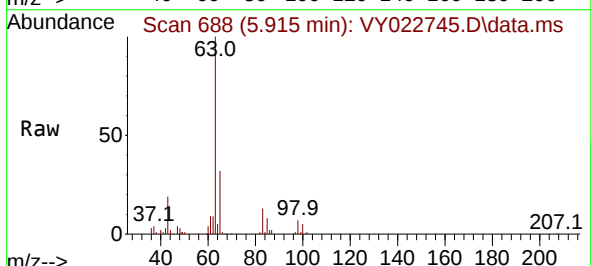
Manual Integrations
 APPROVED

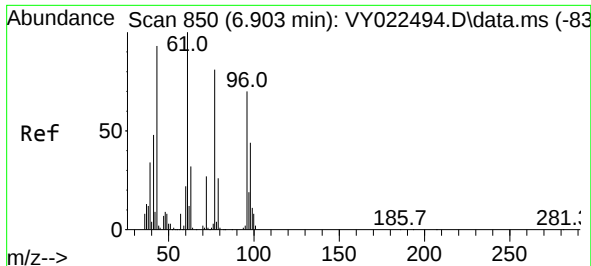
Reviewed By :Semsettin Yesilyurt 06/21/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 23.792 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Tgt Ion: 63 Resp: 69556
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 5.4 2.1 6.3





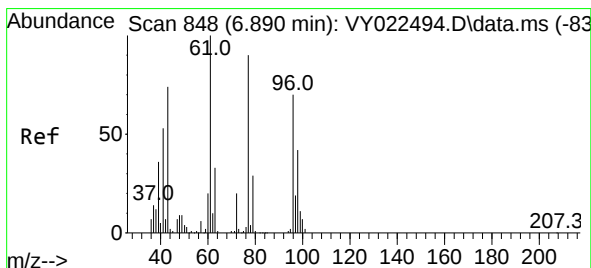
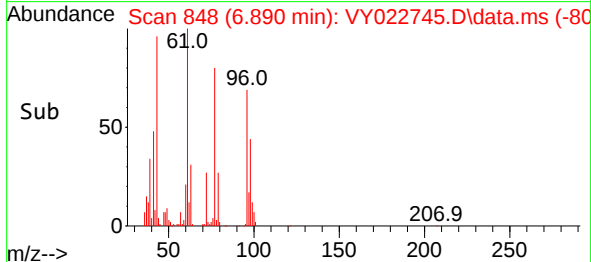
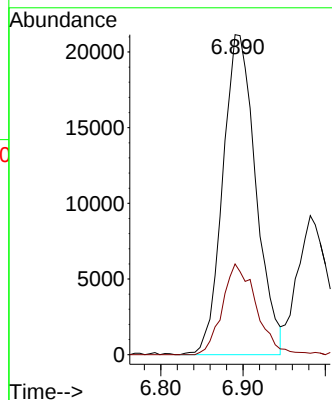
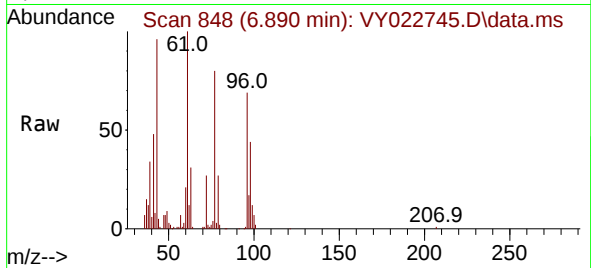
#25
2-Butanone
Concen: 133.202 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
72 28.3 22.9 34.3

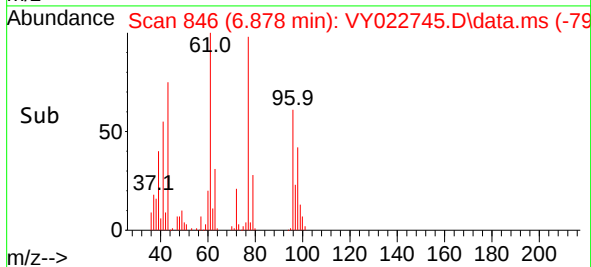
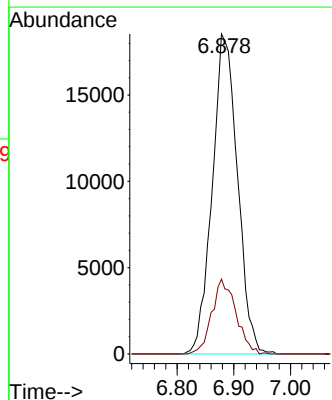
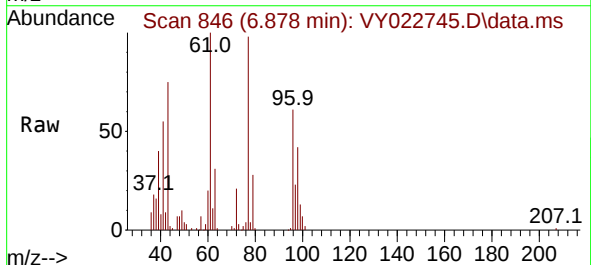
Manual Integrations
APPROVED

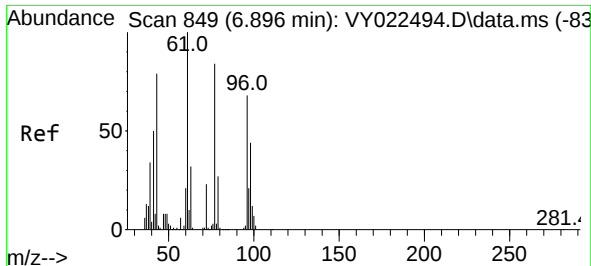
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 22.197 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 77 Resp: 57336
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.243 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022745.D

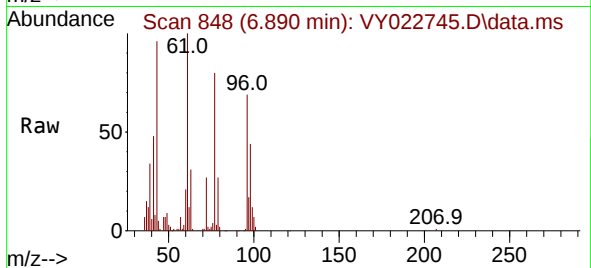
Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01



Tgt Ion: 96 Resp: 4086

Ion Ratio Lower Upper

96 100

61 151.8 0.0 290.0

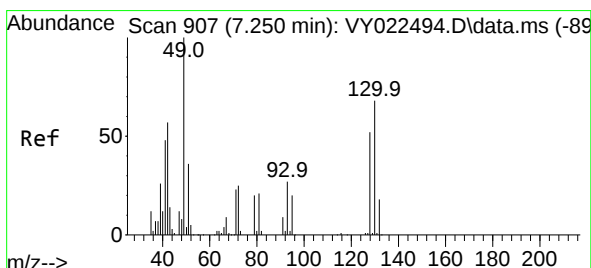
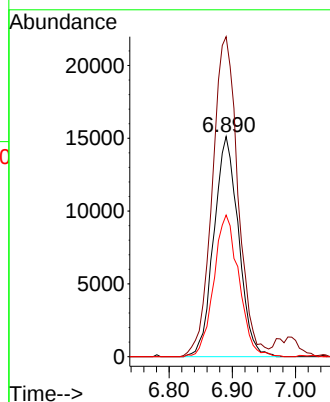
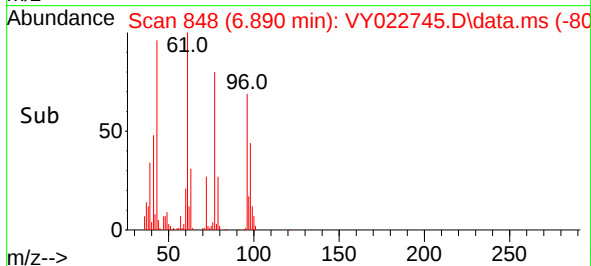
98 65.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 22.722 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

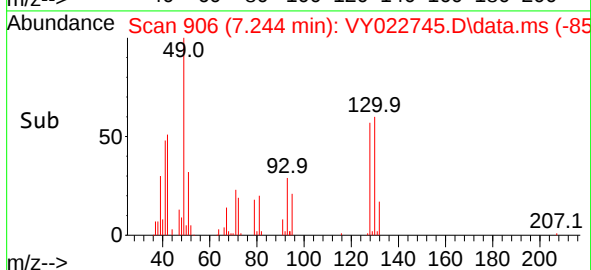
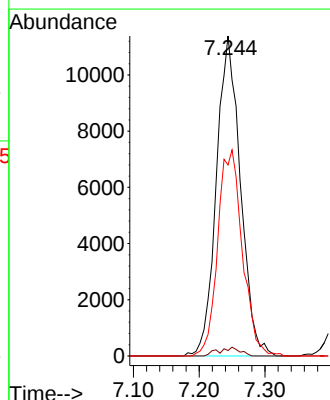
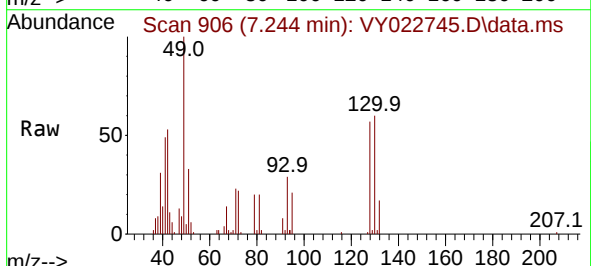
Tgt Ion: 49 Resp: 28957

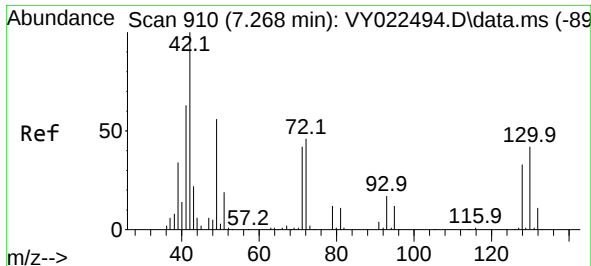
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 65.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 111.471 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

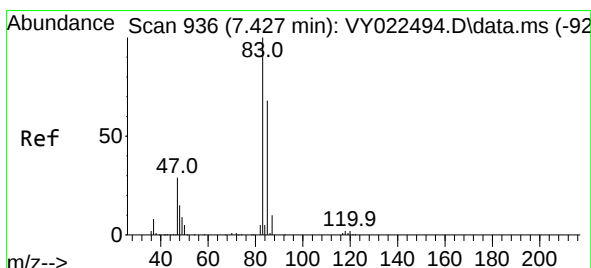
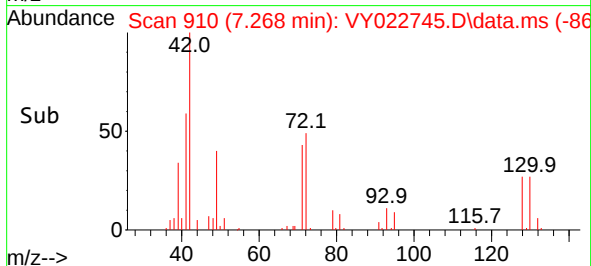
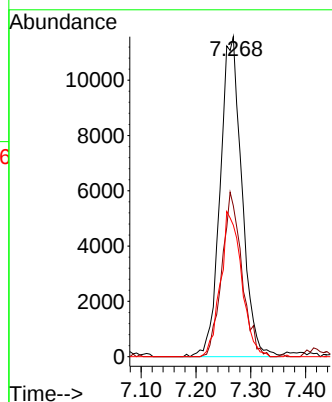
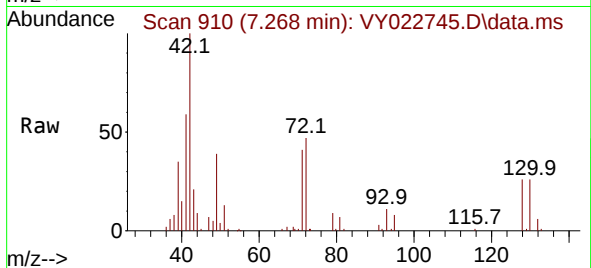
VY0619SBS01

Tgt Ion:	42	Resp:	31900
Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.4	56.2
71	44.0	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 23.123 ug/l

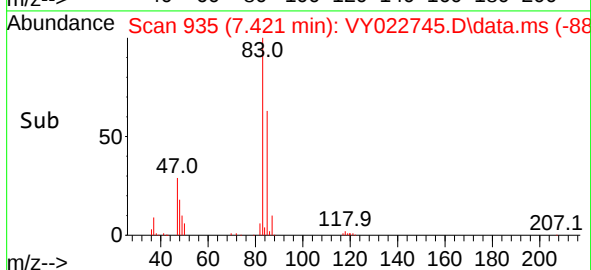
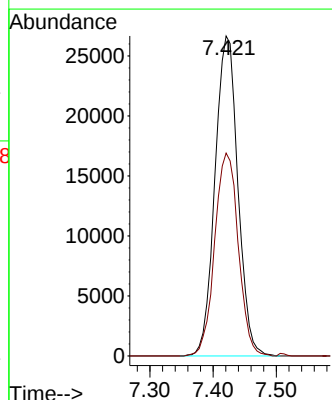
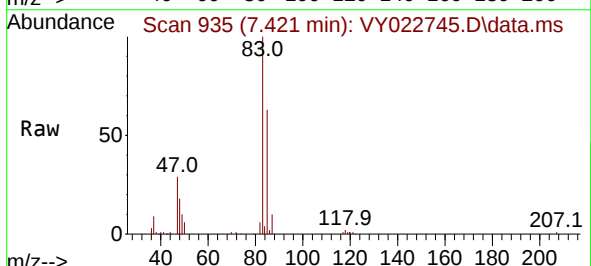
RT: 7.421 min Scan# 935

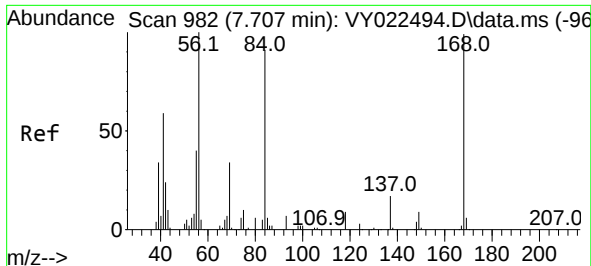
Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

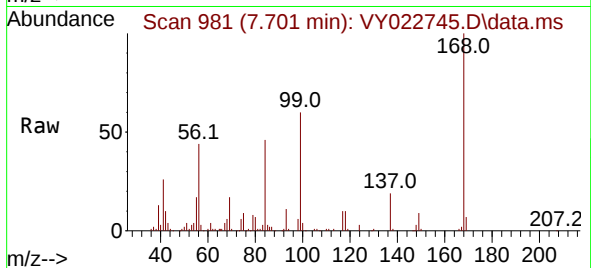
Tgt Ion:	83	Resp:	66956
Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.2	81.4





#31
Cyclohexane
Concen: 20.482 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

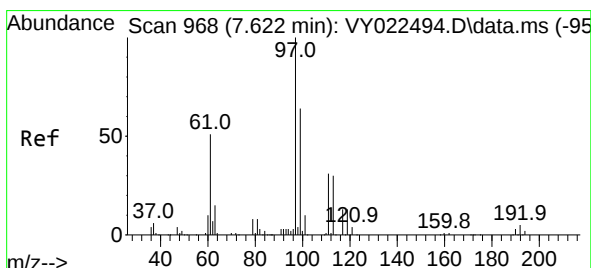
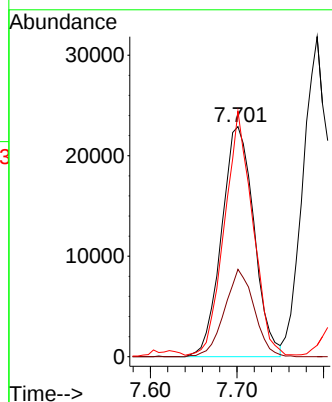
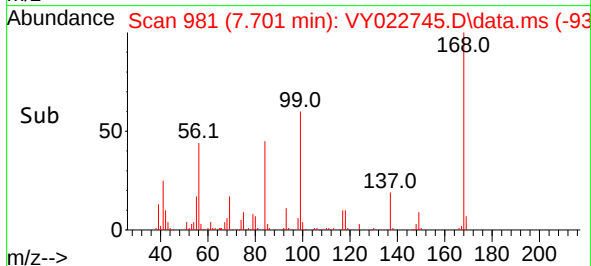
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 56 Resp: 5961
Ion Ratio Lower Upper
56 100
69 37.9 27.0 40.6
84 105.0 72.6 109.0

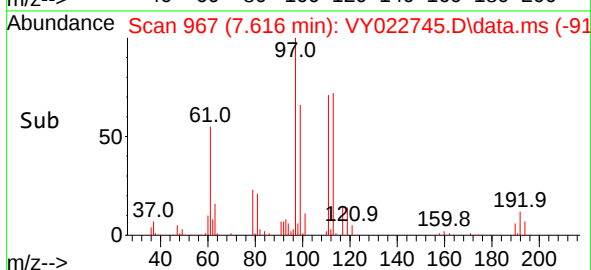
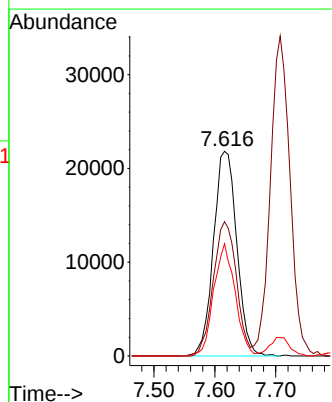
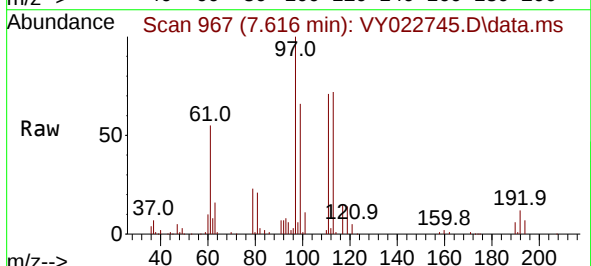
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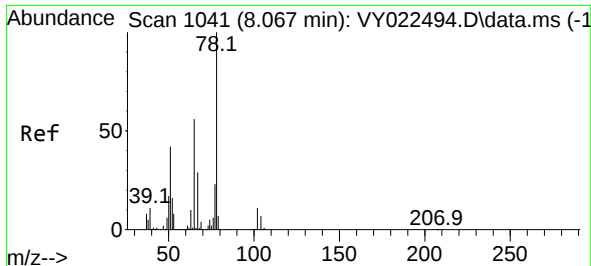
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 22.561 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 97 Resp: 57994
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 50.5 38.5 57.7





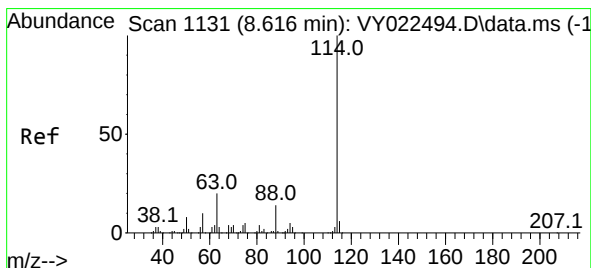
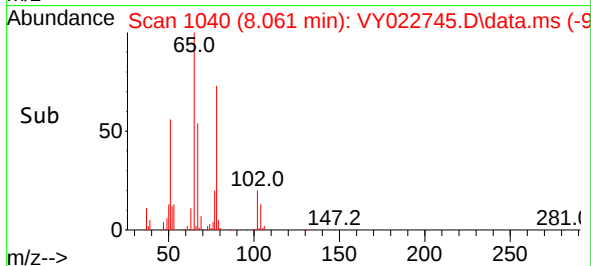
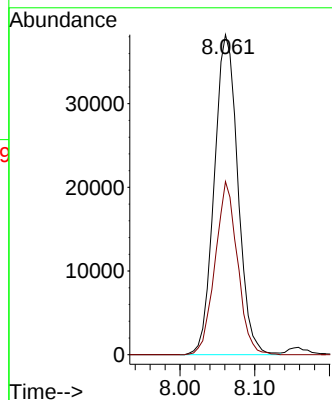
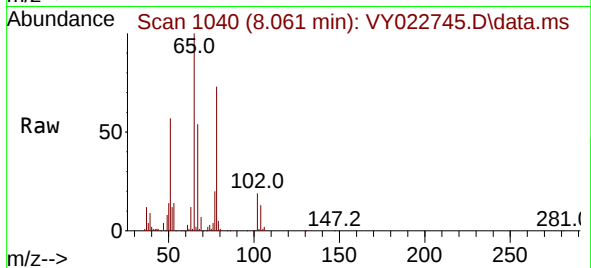
#33
1,2-Dichloroethane-d4
Concen: 55.450 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 65 Resp: 8398
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

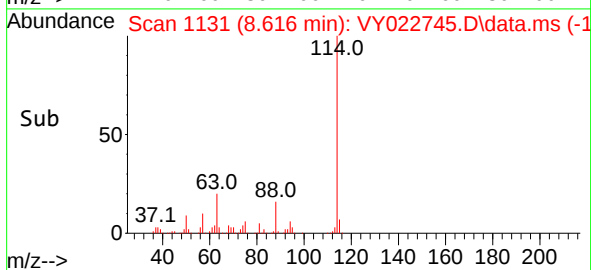
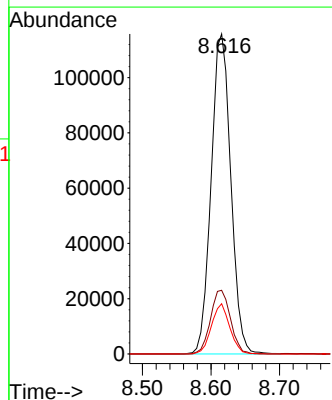
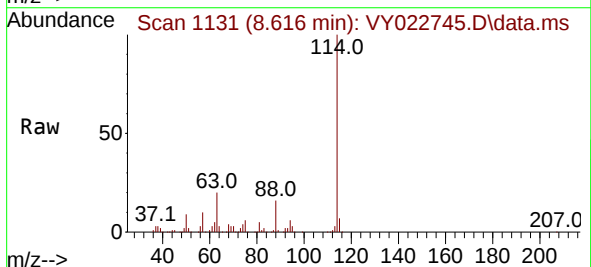
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

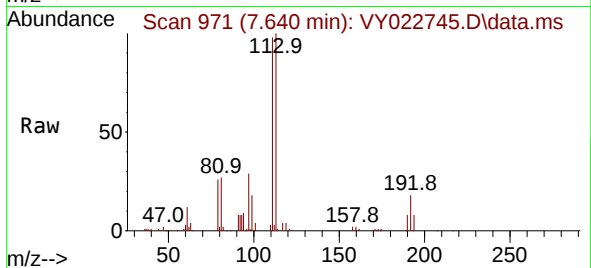
Tgt Ion:114 Resp: 230490
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.7 0.0 27.8





#35
Dibromofluoromethane
Concen: 53.784 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

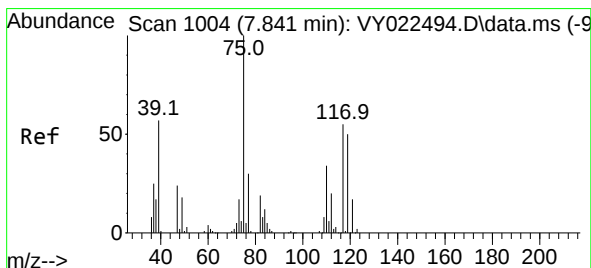
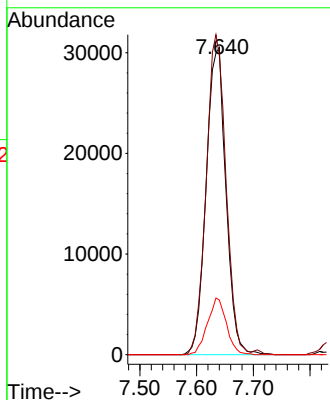
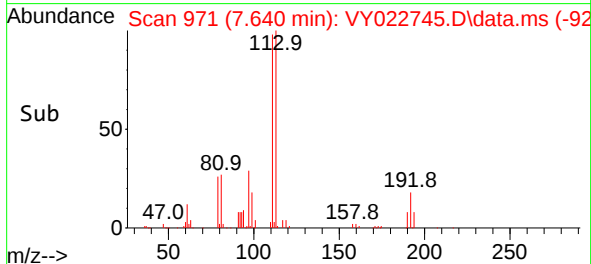
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



Tgt Ion: 113 Resp: 7399
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 17.7 14.2 21.2

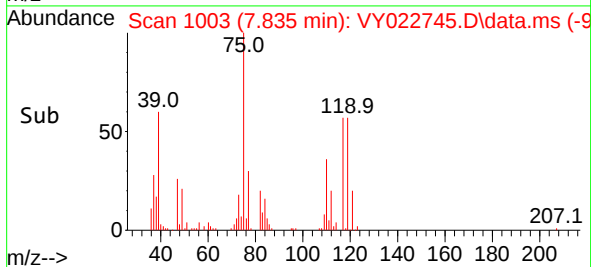
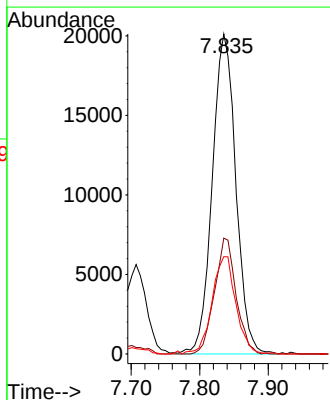
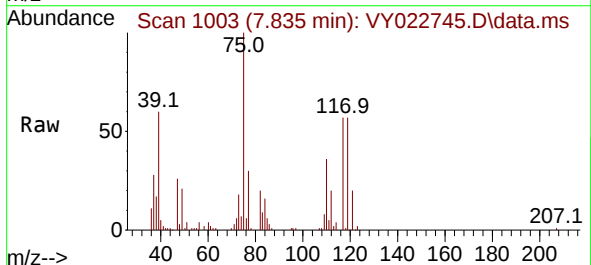
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 21.512 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 75 Resp: 48032
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 24.345 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022745.D

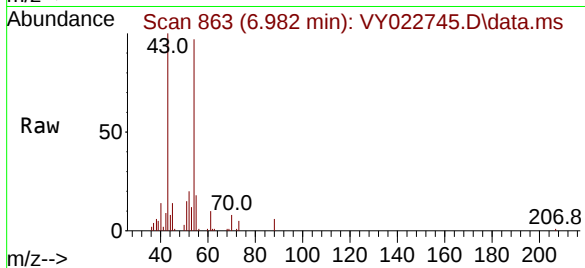
Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

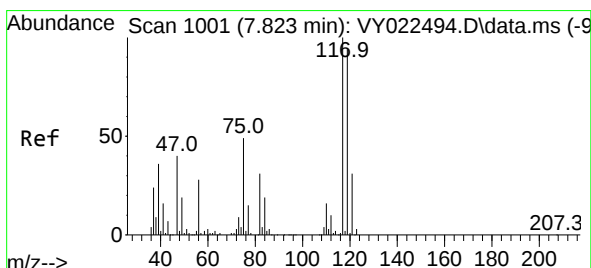
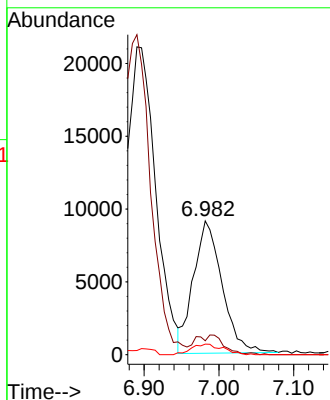
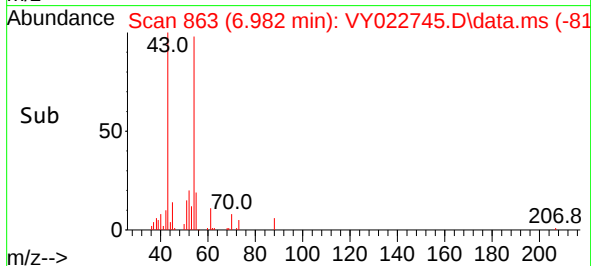
VY0619SBS01



Tgt Ion:	43	Resp:	2424
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.5	17.3
70	8.8	7.2	10.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38

Carbon Tetrachloride

Concen: 21.709 ug/l

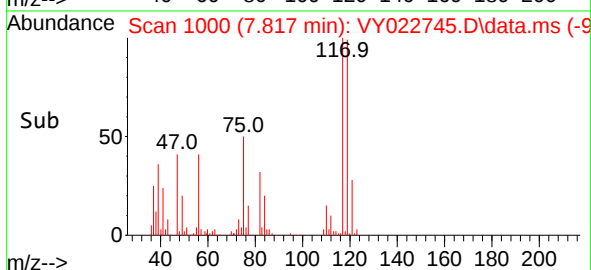
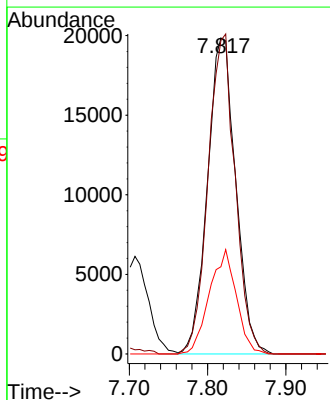
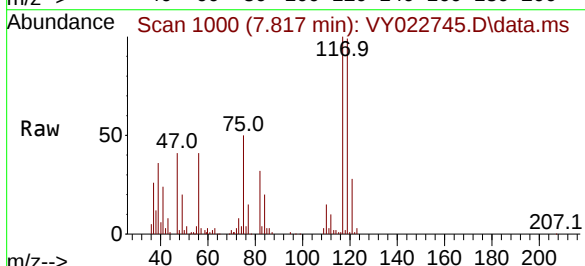
RT: 7.817 min Scan# 1000

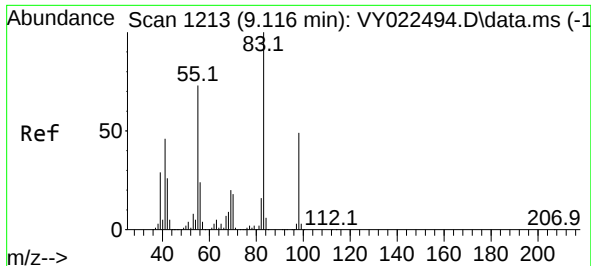
Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion:	117	Resp:	49727
Ion Ratio	Lower	Upper	
117	100		
119	99.2	75.0	112.6
121	27.6	25.0	37.4





#39

Methylcyclohexane

Concen: 19.994 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

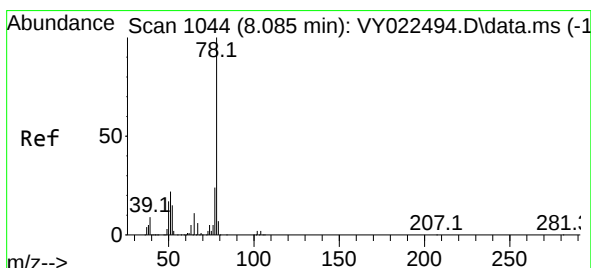
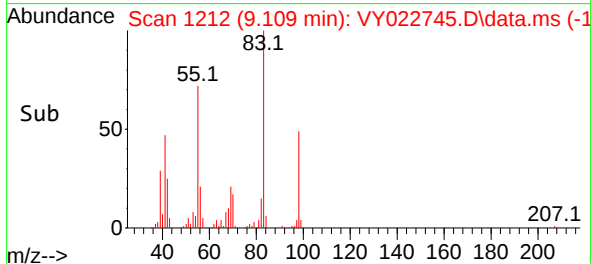
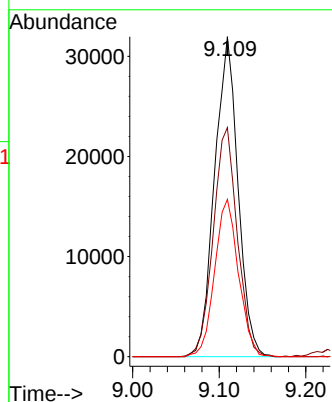
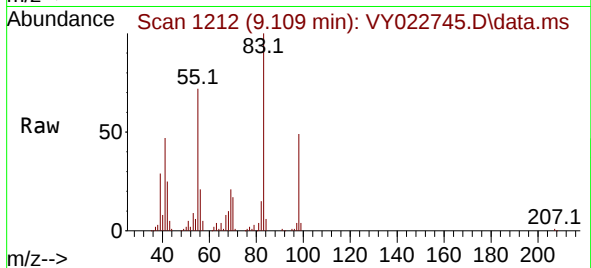
VY0619SBS01

Tgt Ion:	83	Resp:	5999
Ion	Ratio	Lower	Upper
83	100		
55	71.6	58.1	87.1
98	49.1	39.0	58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#40

Benzene

Concen: 22.535 ug/l

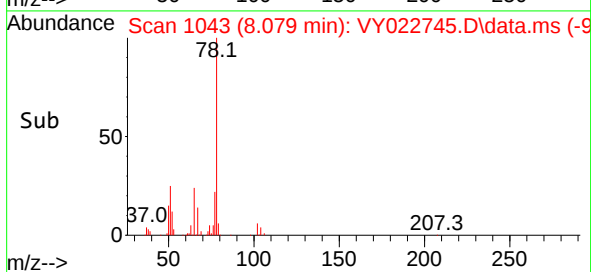
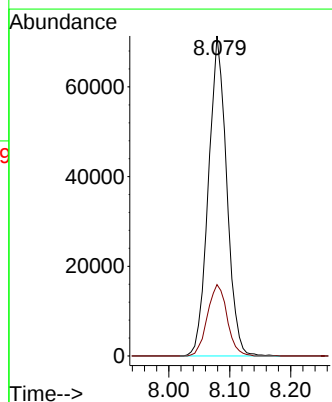
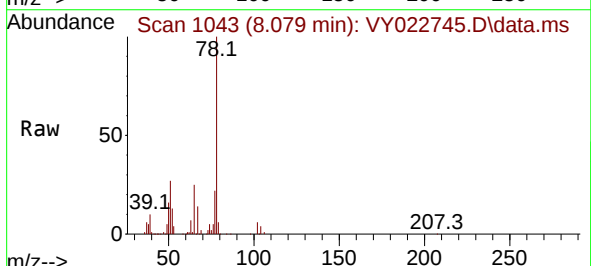
RT: 8.079 min Scan# 1043

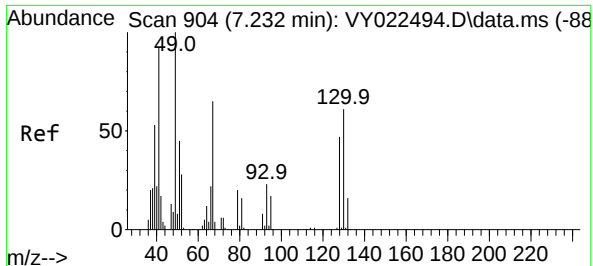
Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

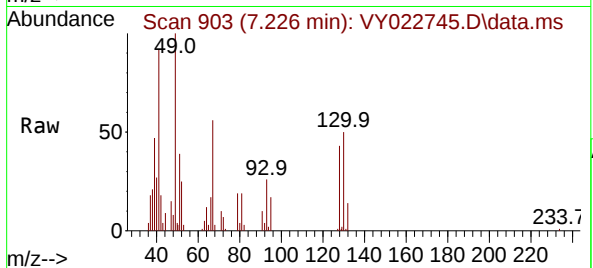
Tgt Ion:	78	Resp:	148616
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9





#41
Methacrylonitrile
Concen: 19.221 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

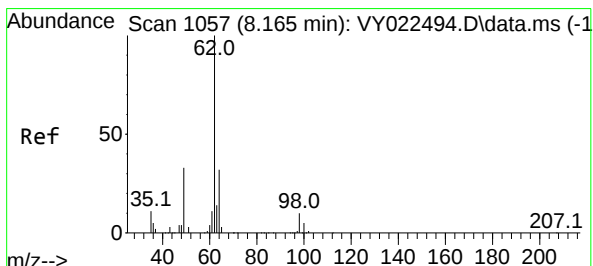
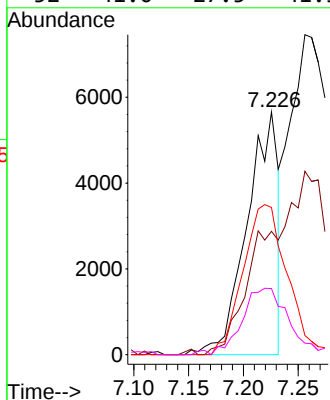
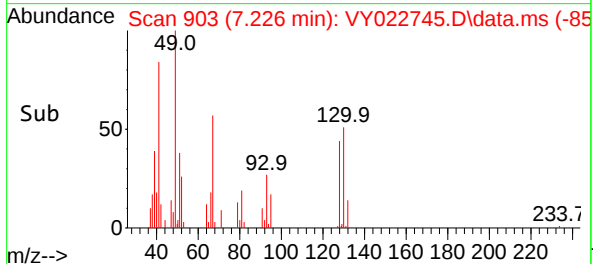
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 41 Resp: 11179
Ion Ratio Lower Upper
41 100
39 0.0 46.6 69.8
67 87.7 63.3 94.9
52 41.0 27.5 41.3

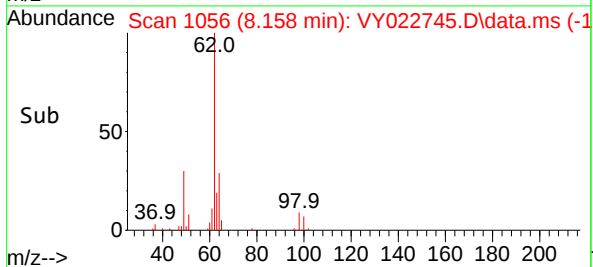
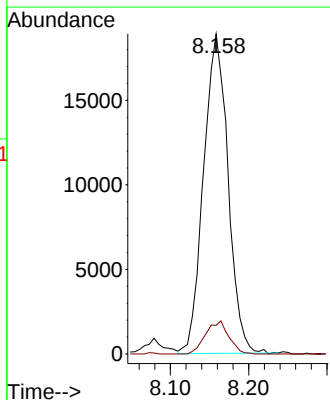
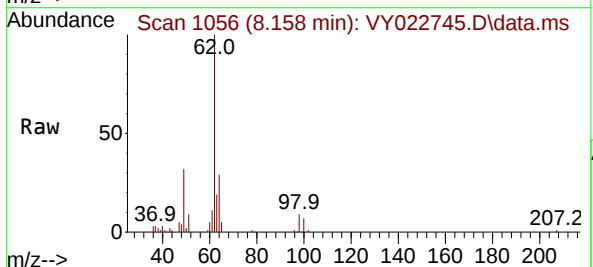
Manual Integrations
APPROVED

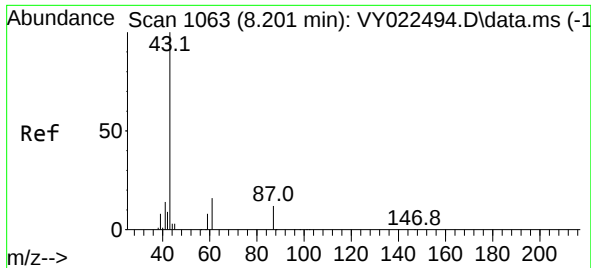
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 22.813 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 62 Resp: 41080
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





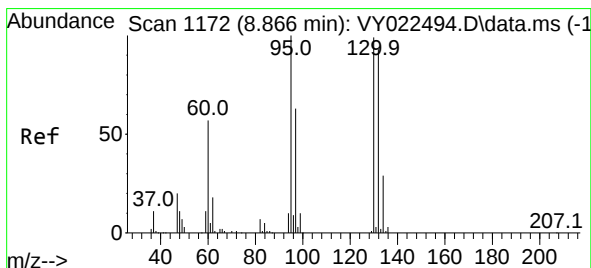
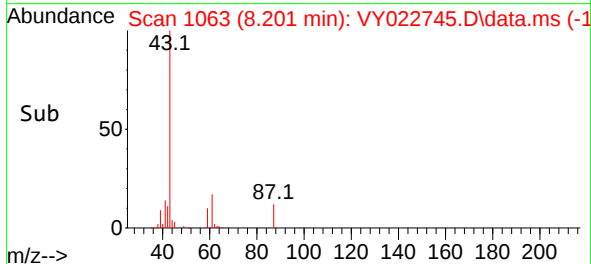
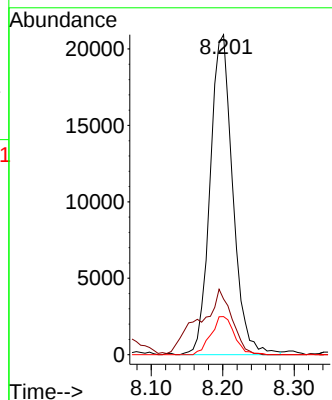
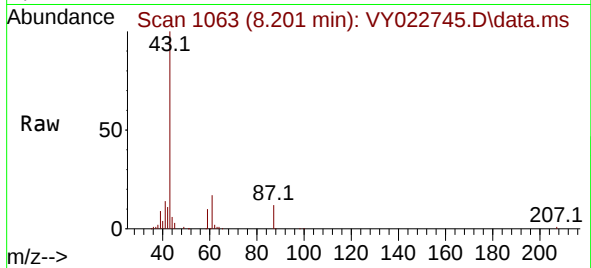
#43
Isopropyl Acetate
Concen: 21.419 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 43 Resp: 46062
Ion Ratio Lower Upper
43 100
61 29.4 15.6 23.4
87 12.3 10.2 15.4

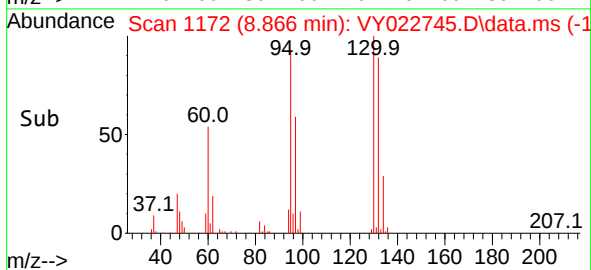
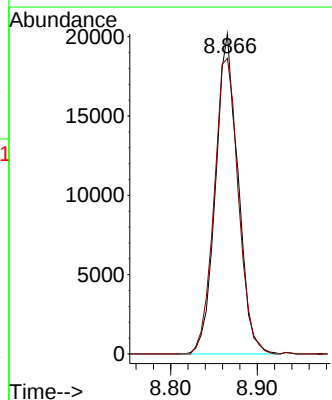
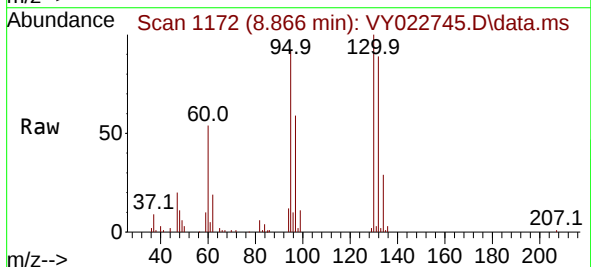
Manual Integrations
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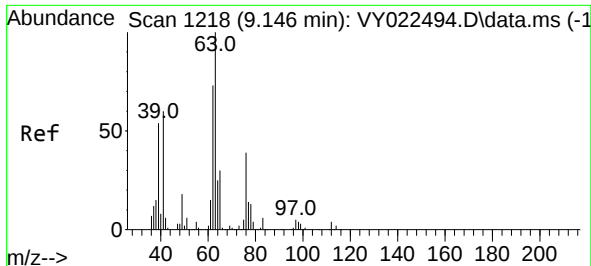
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 22.498 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:130 Resp: 36262
Ion Ratio Lower Upper
130 100
95 92.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 23.362 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 63 Resp: 3641

Ion Ratio Lower Upper

63 100

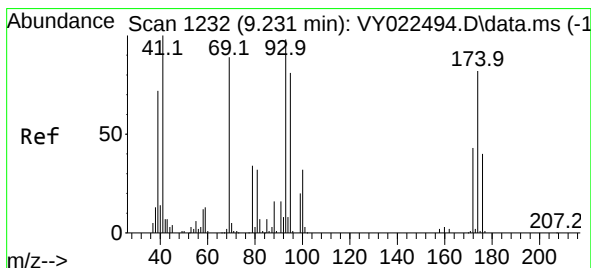
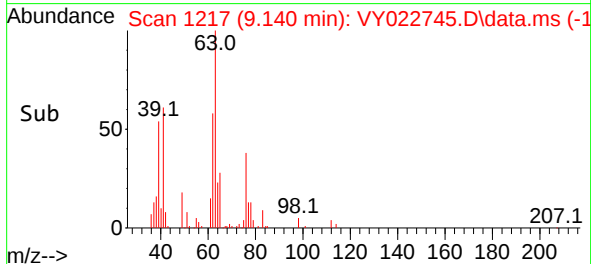
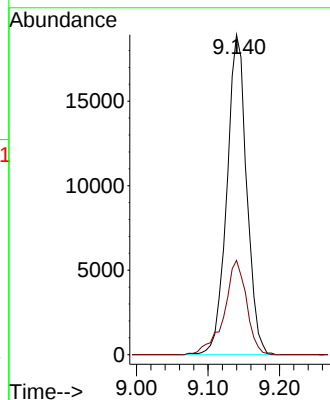
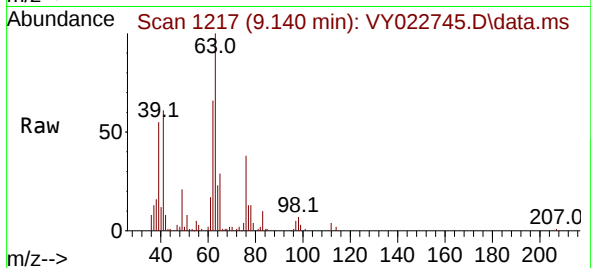
65 29.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 22.747 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

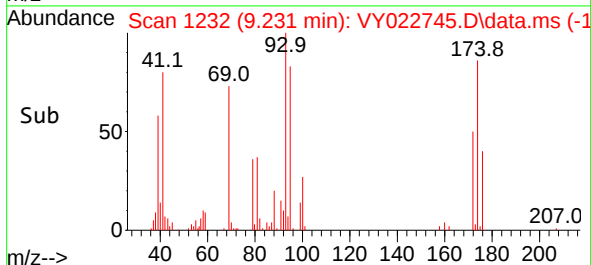
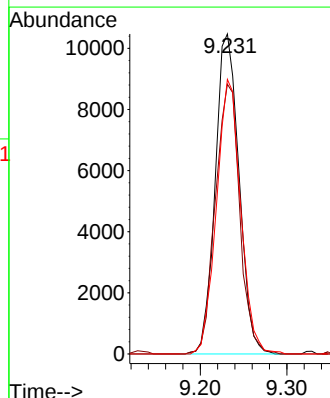
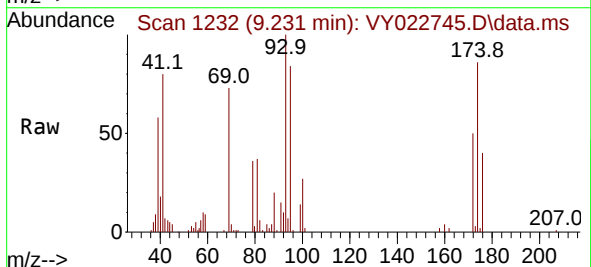
Tgt Ion: 93 Resp: 19946

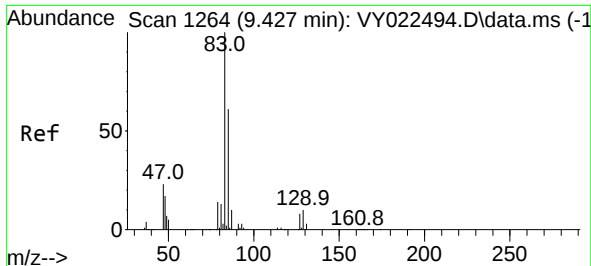
Ion Ratio Lower Upper

93 100

95 86.4 65.6 98.4

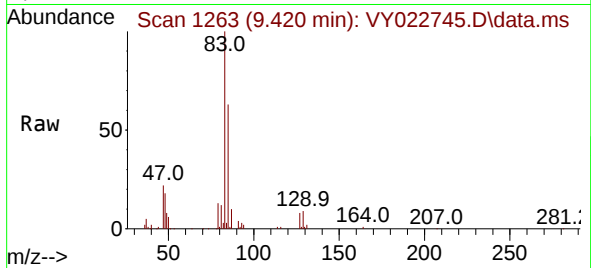
174 87.6 70.4 105.6





#47
Bromodichloromethane
Concen: 22.909 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

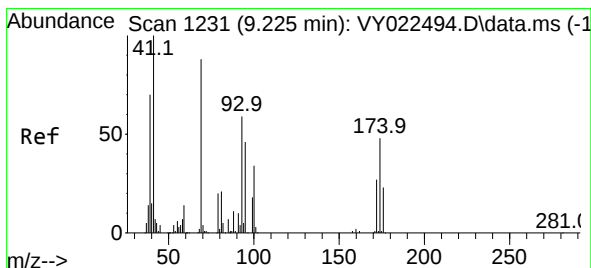
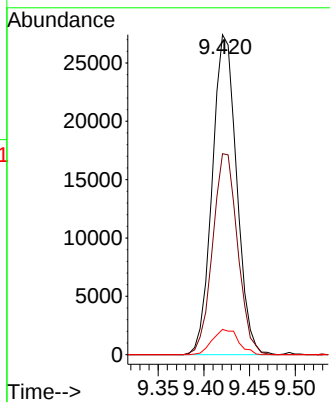
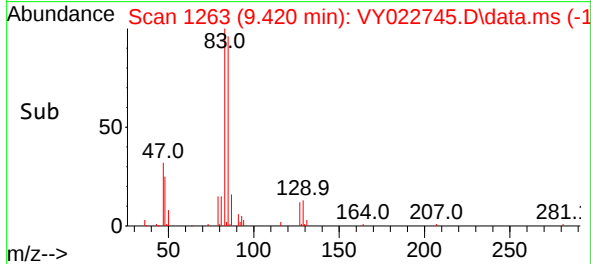
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



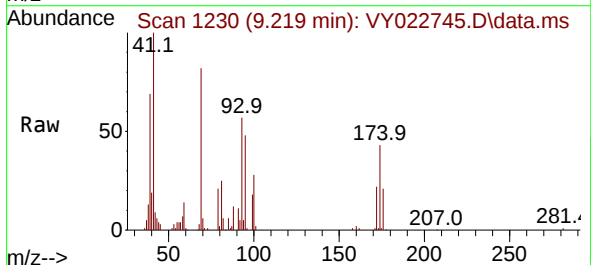
Tgt Ion: 83 Resp: 50934
Ion Ratio Lower Upper
83 100
85 62.8 49.1 73.7
127 7.9 6.2 9.4

Manual Integrations
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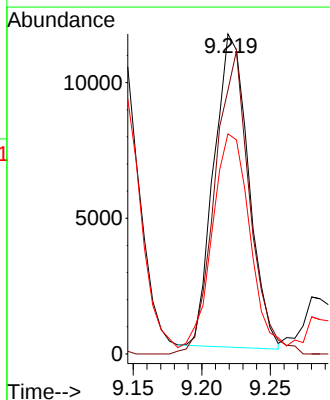
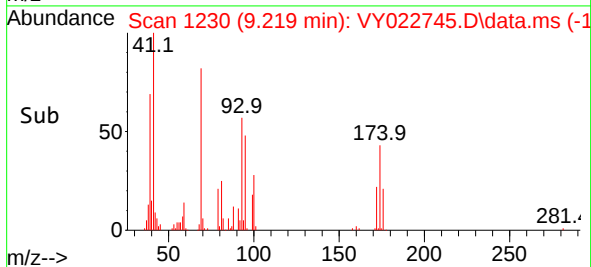
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

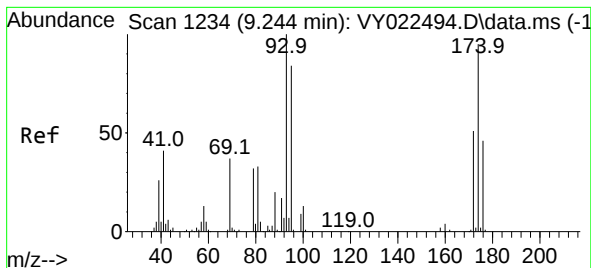


#48
Methyl methacrylate
Concen: 20.085 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



Tgt Ion: 41 Resp: 20272
Ion Ratio Lower Upper
41 100
69 97.2 67.8 101.8
39 73.7 55.0 82.4





#49

1,4-Dioxane

Concen: 440.604 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

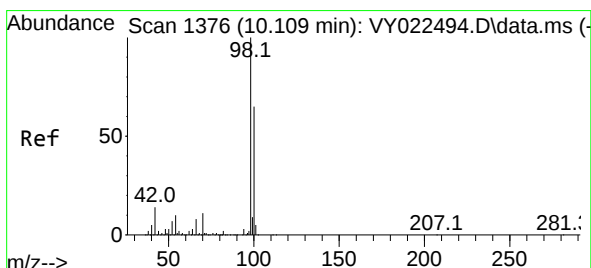
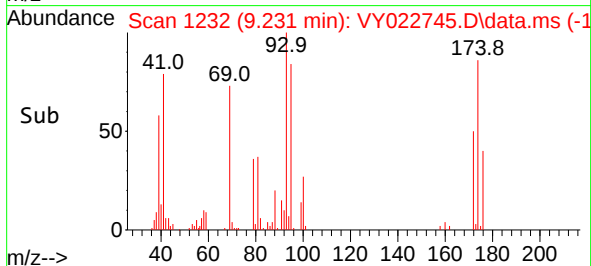
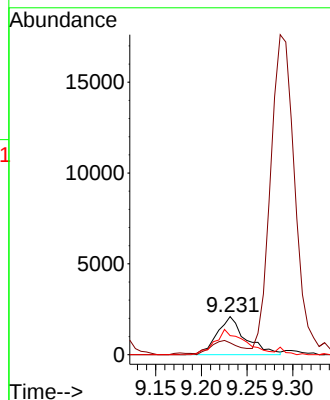
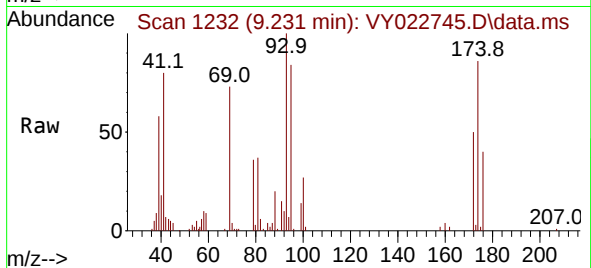
VY0619SBS01

Tgt Ion:	88	Resp:	457
Ion	Ratio	Lower	Upper
88	100		
43	35.2	25.4	38.2
58	68.5	54.9	82.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 53.486 ug/l

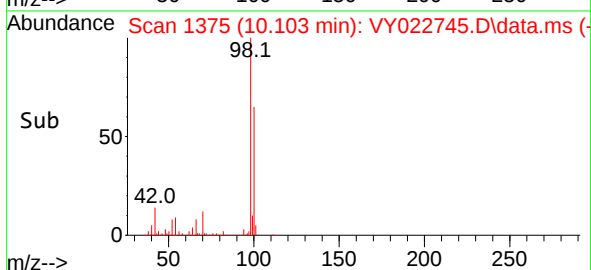
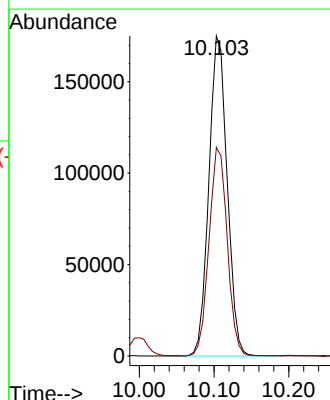
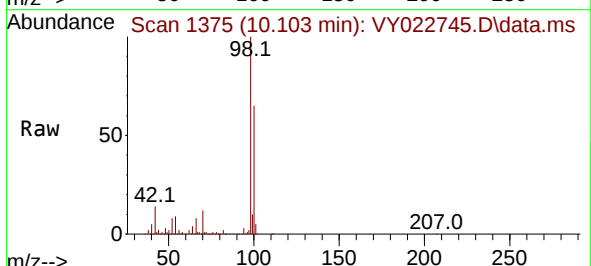
RT: 10.103 min Scan# 1375

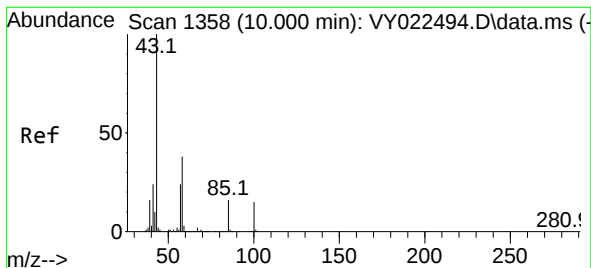
Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

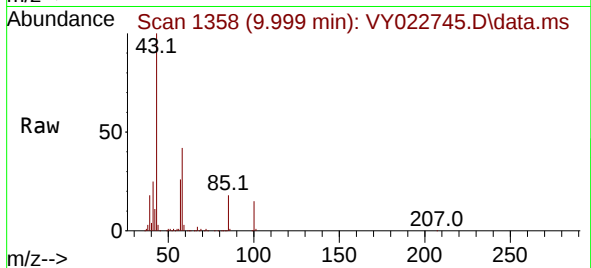
Tgt Ion:	98	Resp:	297322
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 112.131 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

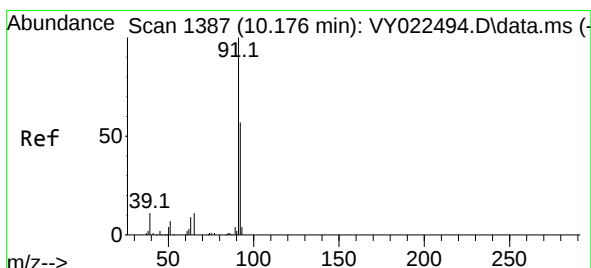
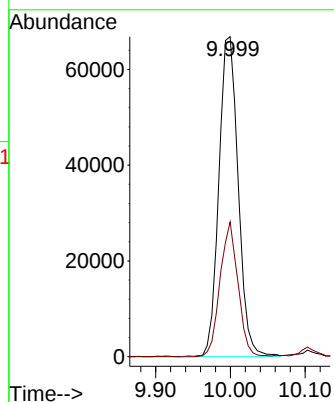
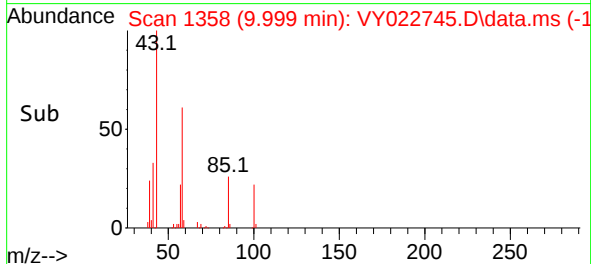
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 120225
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

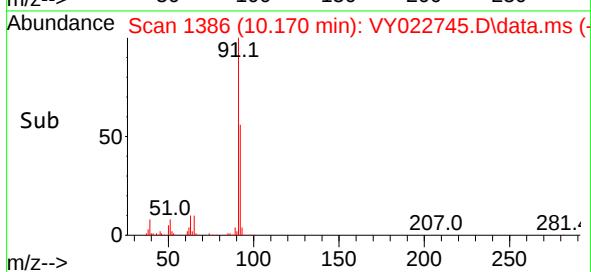
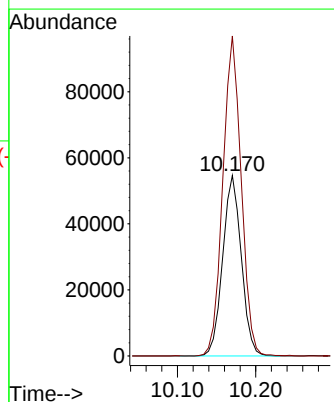
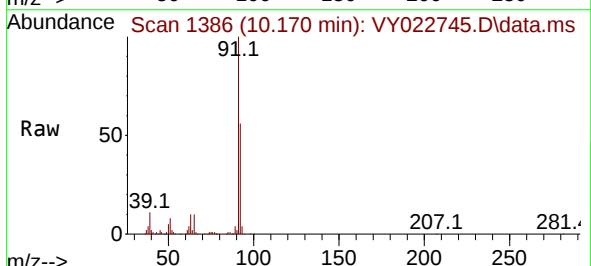
Manual Integrations
APPROVED

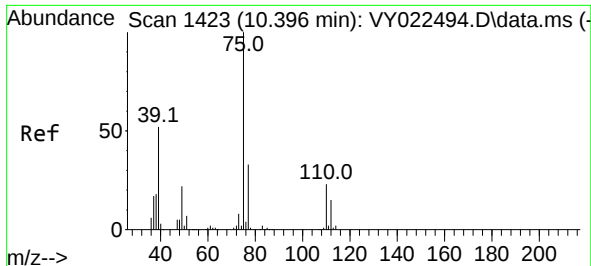
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 21.735 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 92 Resp: 90080
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.4





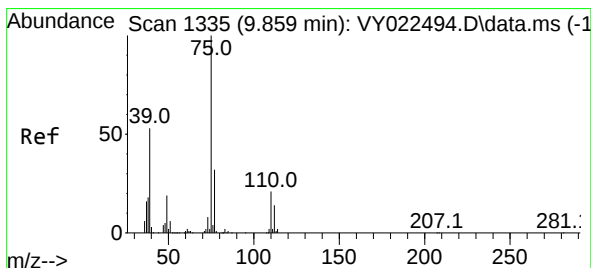
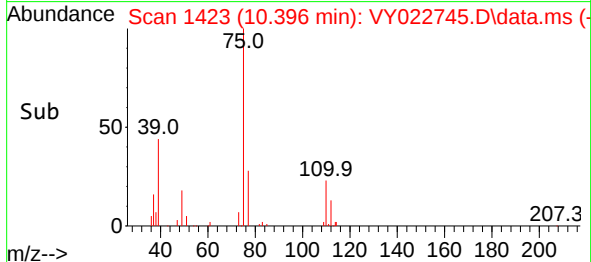
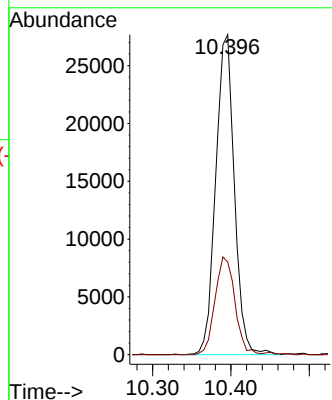
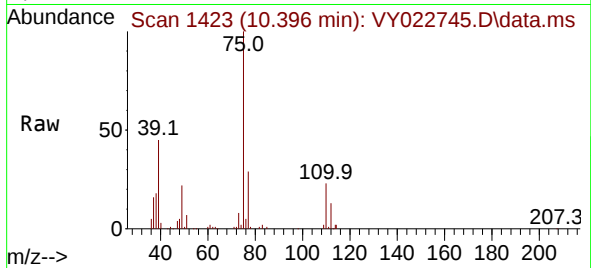
#53
t-1,3-Dichloropropene
Concen: 22.010 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument : MSVOA_Y
ClientSampleId : VY0619SBS01

Tgt Ion: 75 Resp: 45852
Ion Ratio Lower Upper
75 100
77 29.0 26.5 39.7

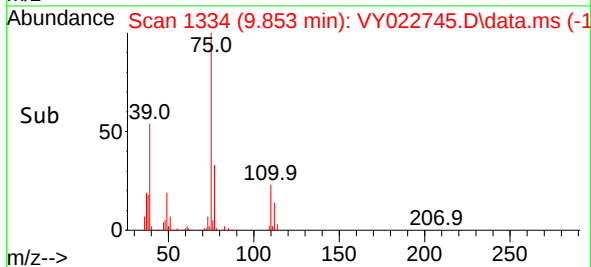
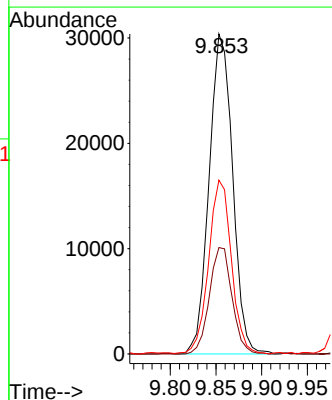
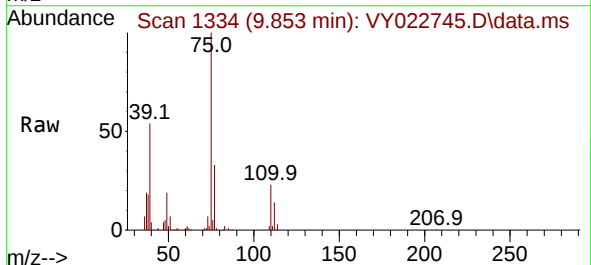
Manual Integrations
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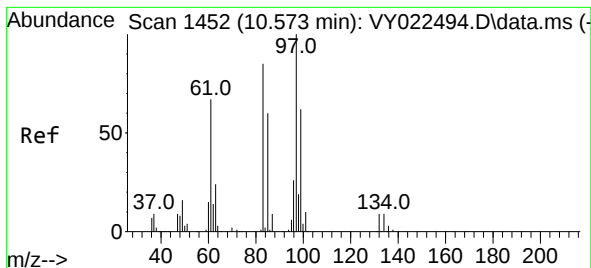
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 22.433 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

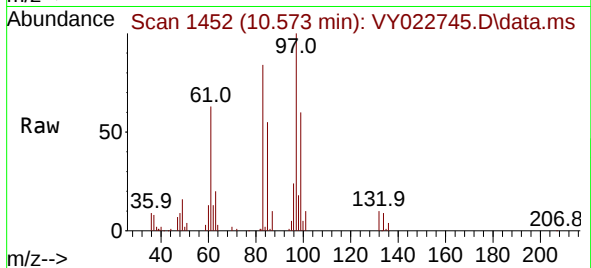
Tgt Ion: 75 Resp: 54401
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9
39 53.9 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 23.327 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

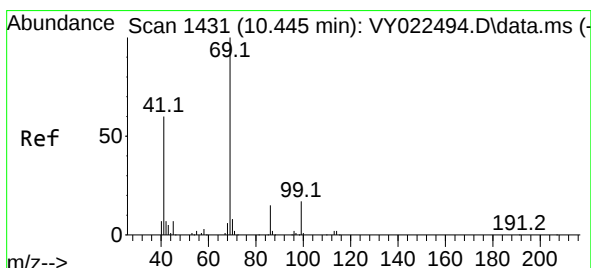
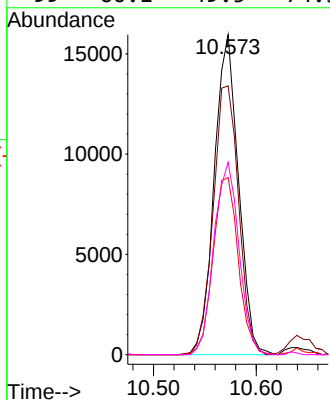
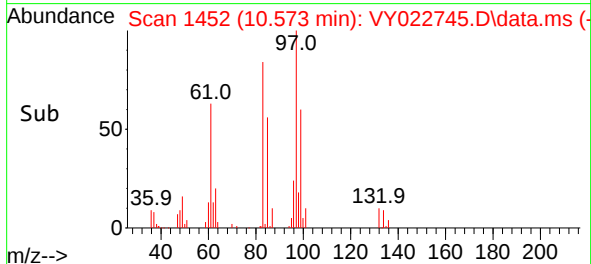
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



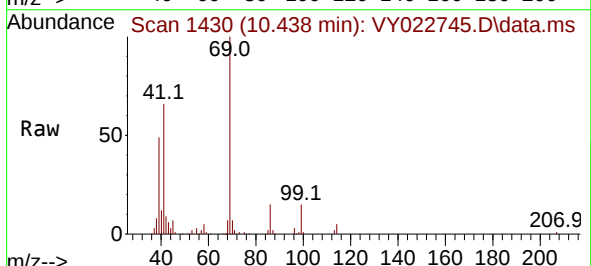
Tgt Ion:	97	Resp:	2608
Ion Ratio	100	Lower	Upper
83	84.0	68.1	102.1
85	55.4	48.2	72.2
99	60.1	49.5	74.3

Manual Integrations
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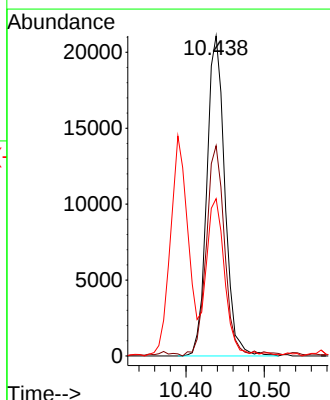
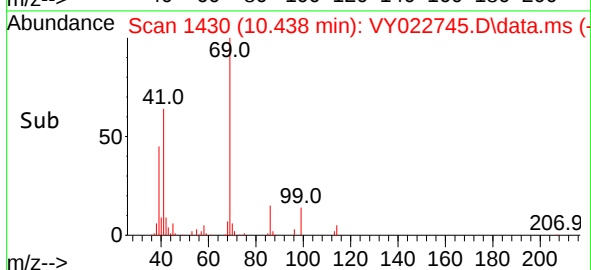
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#56
Ethyl methacrylate
Concen: 20.749 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



Tgt Ion:	69	Resp:	33531
Ion Ratio	100	Lower	Upper
41	66.5	52.2	78.2
39	50.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 23.091 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 76 Resp: 4575

Ion Ratio Lower Upper

76 100

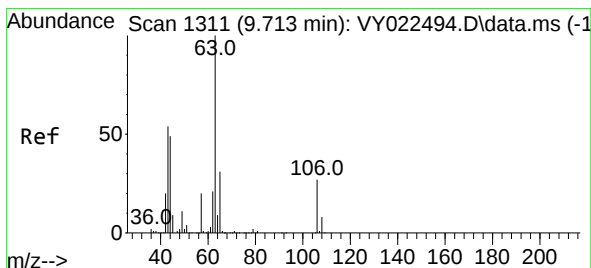
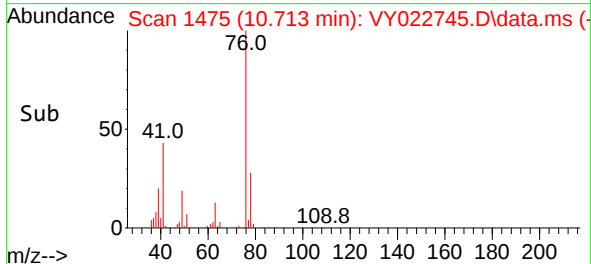
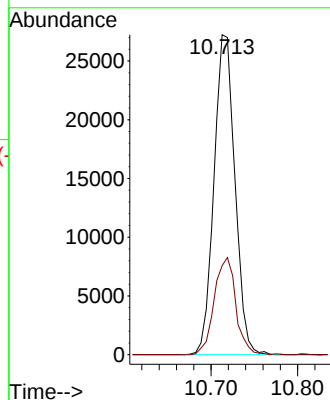
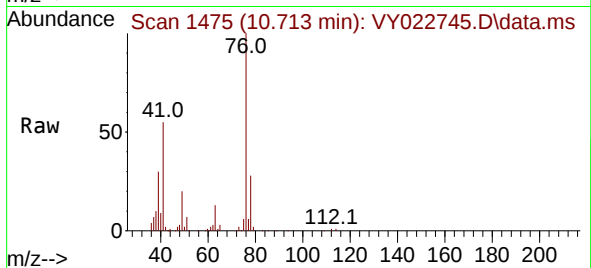
78 31.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 116.408 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022745.D

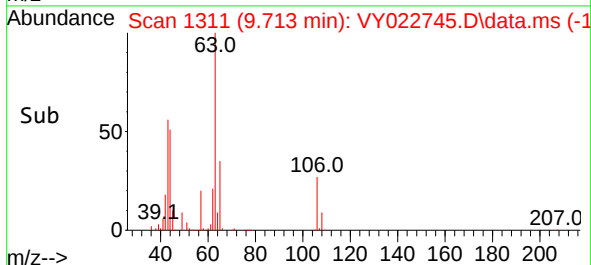
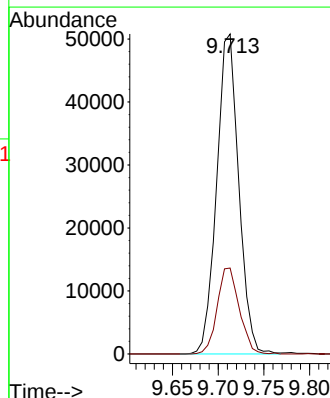
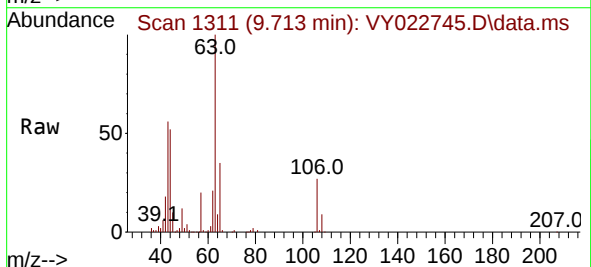
Acq: 19 Jun 2025 10:49

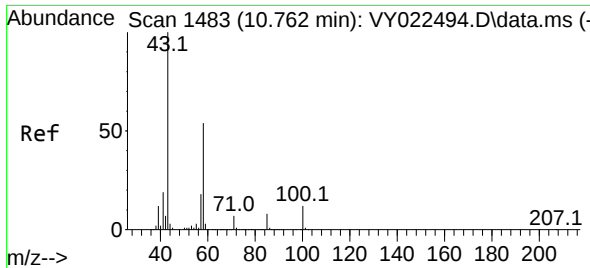
Tgt Ion: 63 Resp: 85409

Ion Ratio Lower Upper

63 100

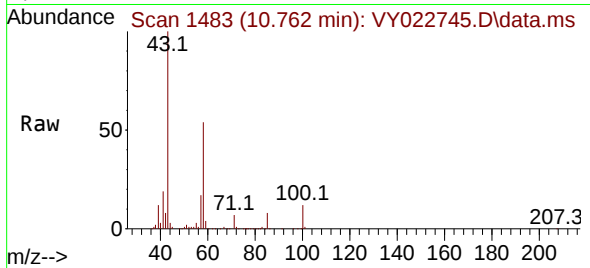
106 26.8 21.6 32.4





#59
2-Hexanone
Concen: 118.668 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

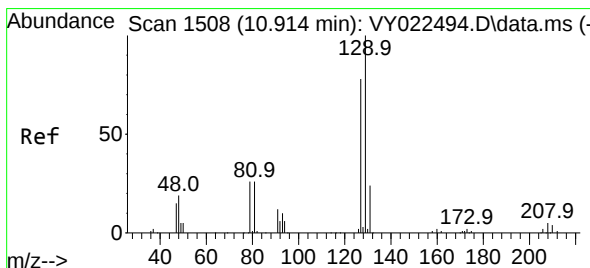
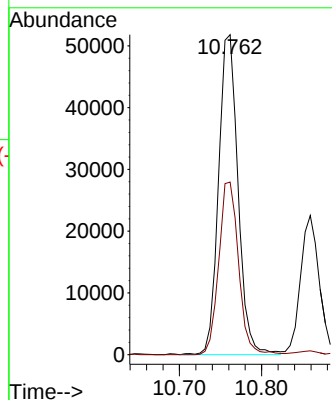
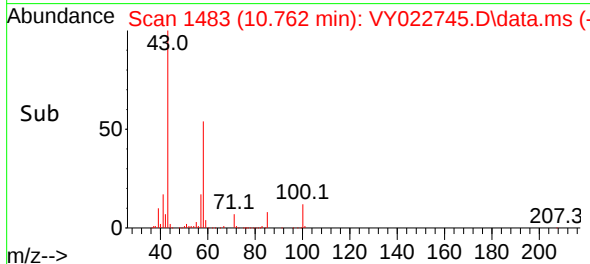
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 43 Resp: 8509
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

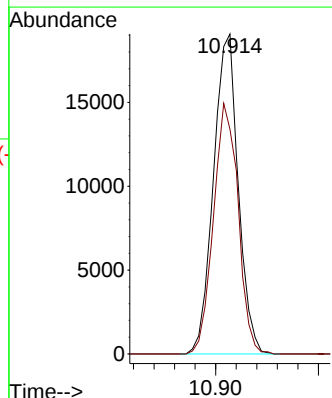
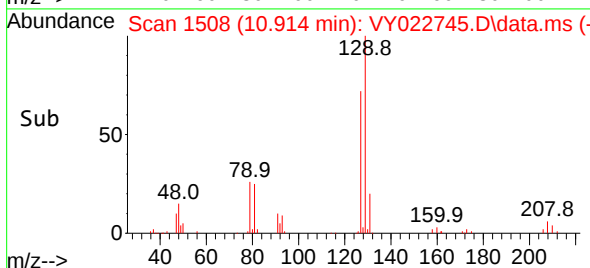
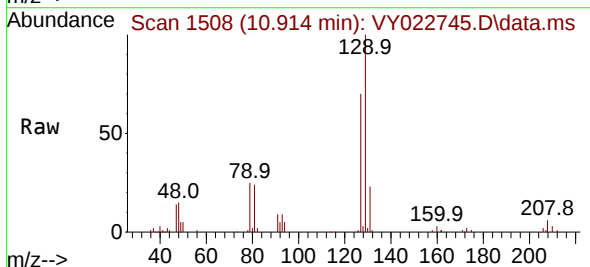
Manual Integrations
APPROVED

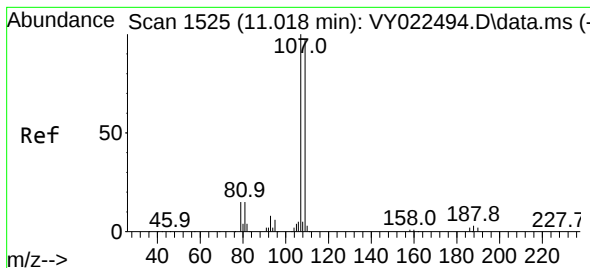
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 22.422 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:129 Resp: 31860
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





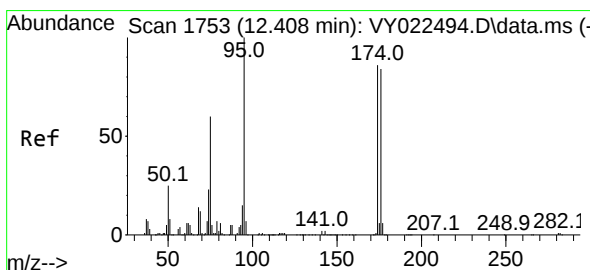
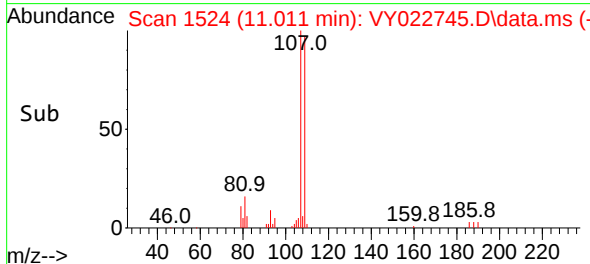
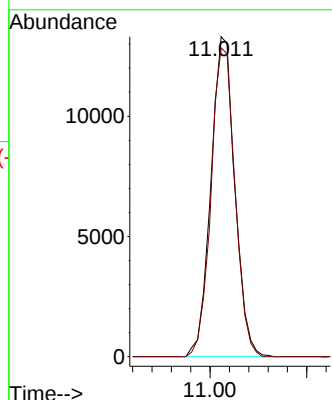
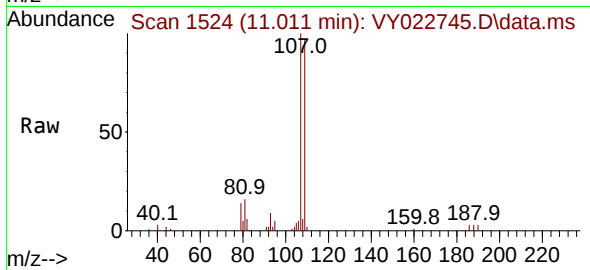
#61
1,2-Dibromoethane
Concen: 22.432 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:107 Resp: 22860
Ion Ratio Lower Upper
107 100
109 96.4 77.7 116.5

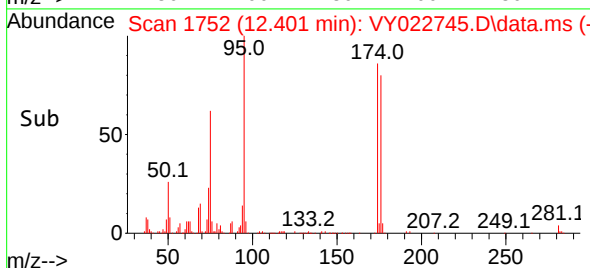
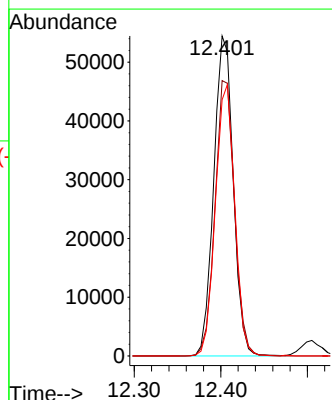
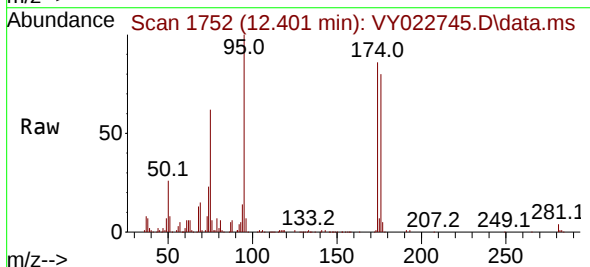
Manual Integrations
APPROVED

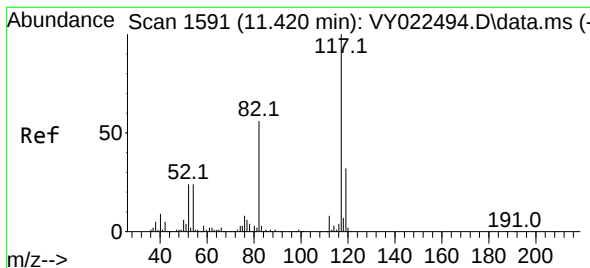
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 95 Resp: 85284
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.0
176 83.7 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion:117 Resp: 19606

Ion Ratio Lower Upper

117 100

82 55.5 44.6 66.8

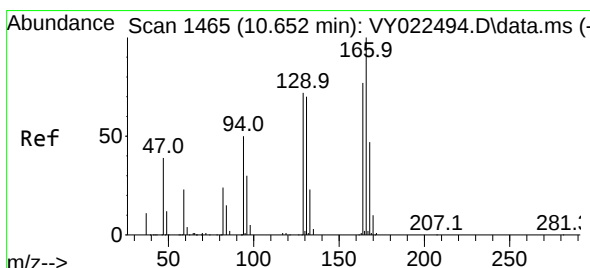
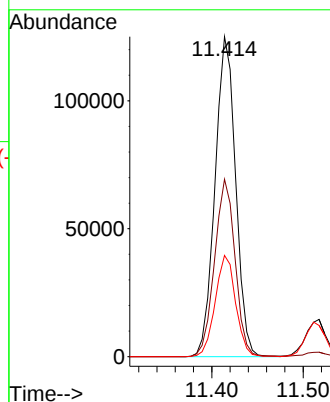
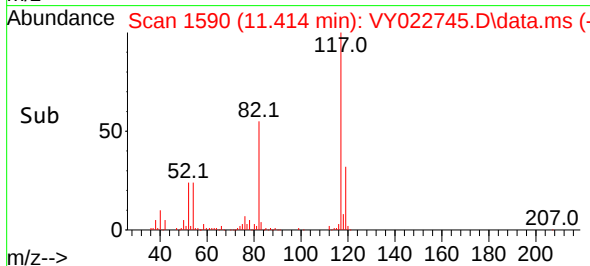
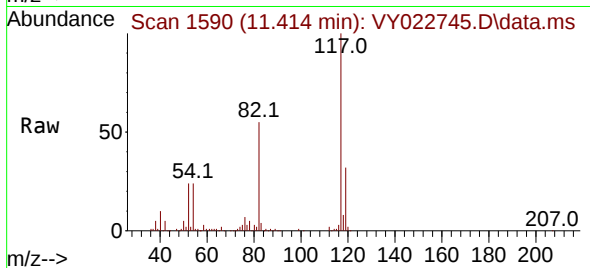
119 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#64

Tetrachloroethene

Concen: 25.552 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion:164 Resp: 43094

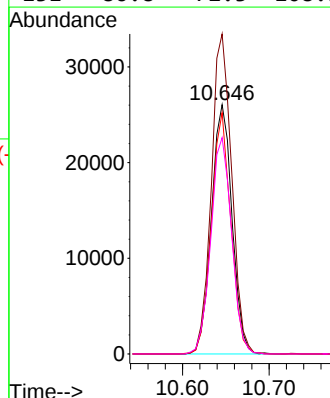
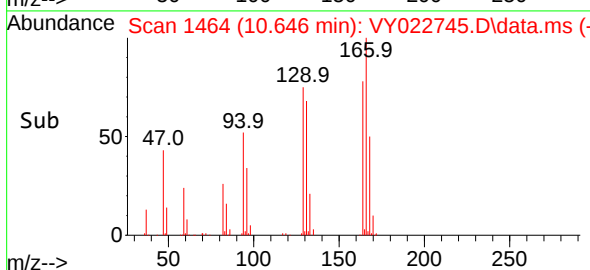
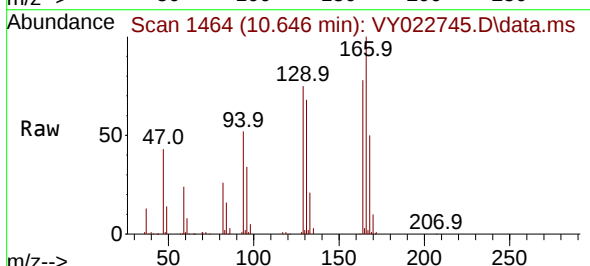
Ion Ratio Lower Upper

164 100

166 128.4 104.0 156.0

129 96.8 74.5 111.7

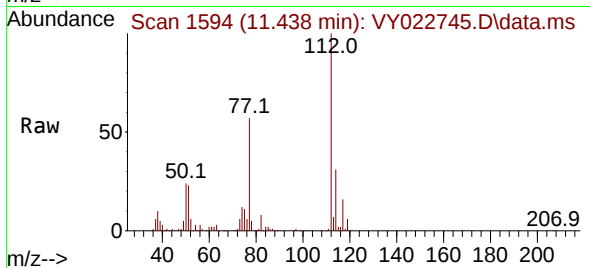
131 86.8 72.3 108.5





#65
Chlorobenzene
Concen: 22.264 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

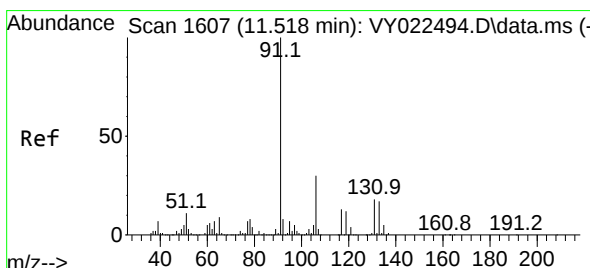
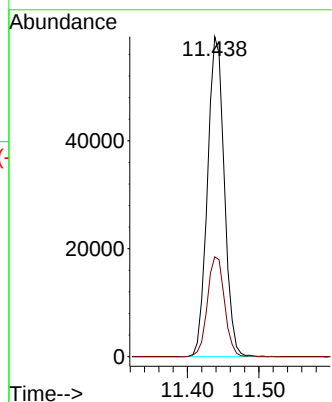
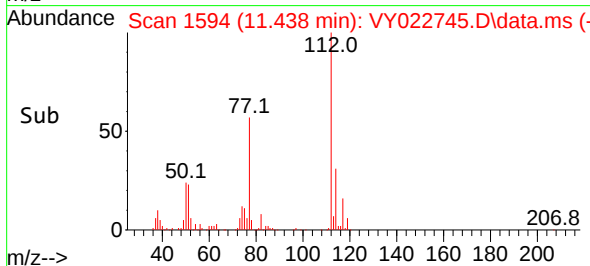
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



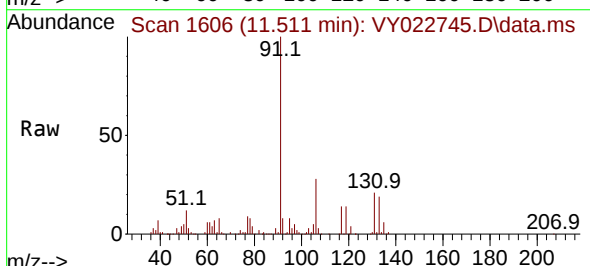
Tgt Ion:112 Resp: 96594
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6

Manual Integrations
APPROVED

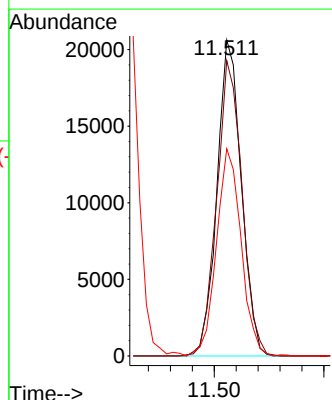
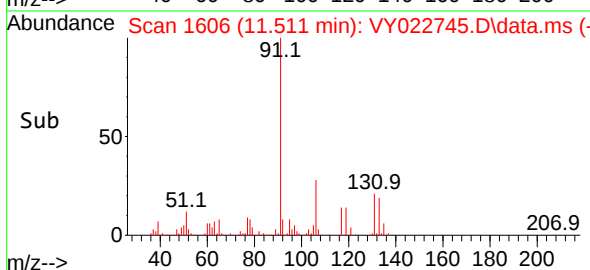
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

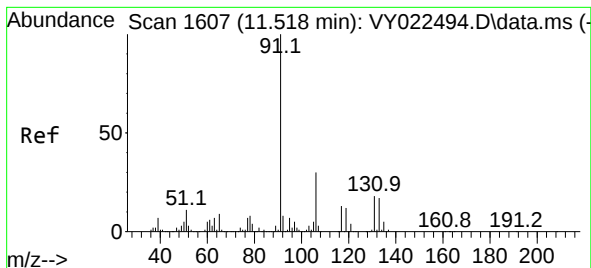


#66
1,1,1,2-Tetrachloroethane
Concen: 21.789 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



Tgt Ion:131 Resp: 31846
Ion Ratio Lower Upper
131 100
133 96.9 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 21.021 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion: 91 Resp: 16916

Ion Ratio Lower Upper

91 100

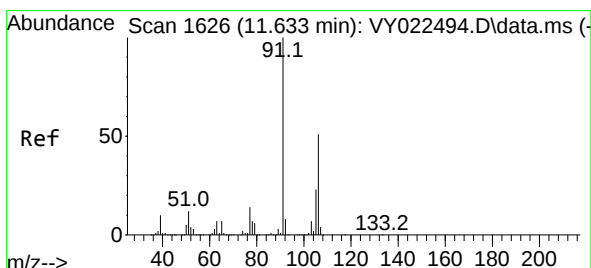
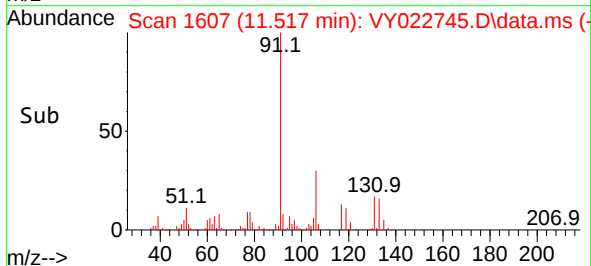
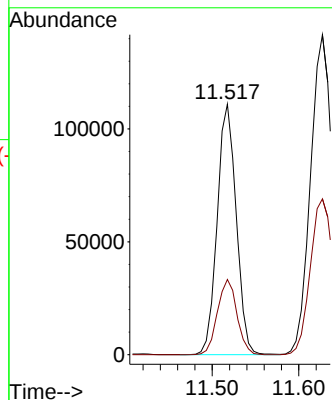
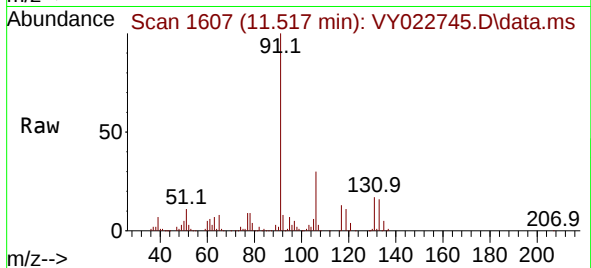
106 30.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#68

m/p-Xylenes

Concen: 41.921 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022745.D

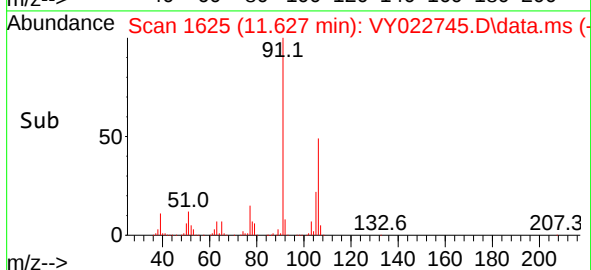
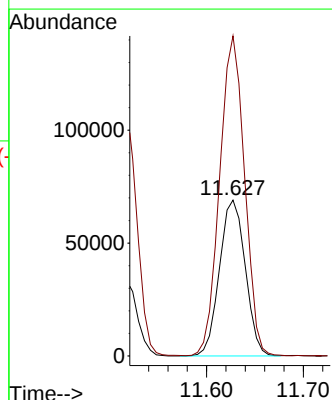
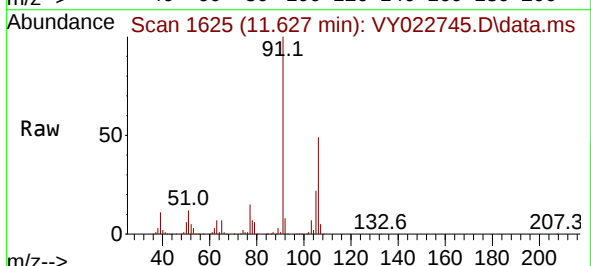
Acq: 19 Jun 2025 10:49

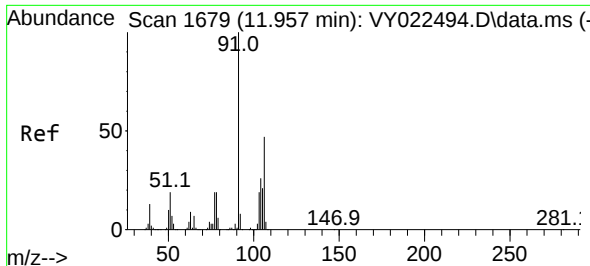
Tgt Ion:106 Resp: 127883

Ion Ratio Lower Upper

106 100

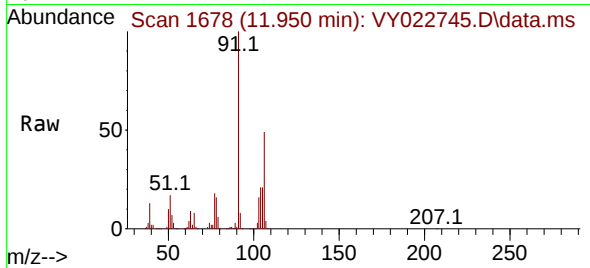
91 198.2 159.4 239.0





#69
o-Xylene
Concen: 20.896 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

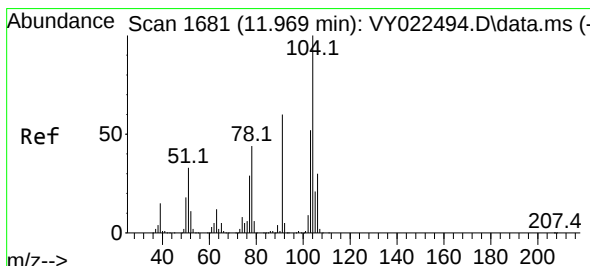
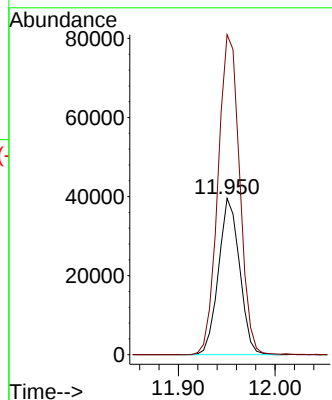
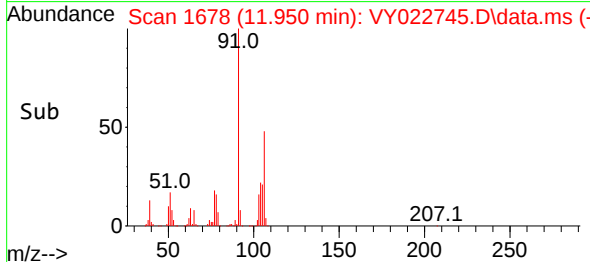
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



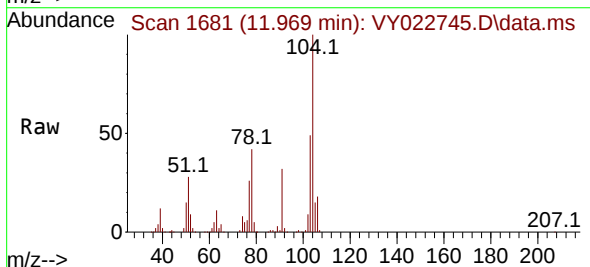
Tgt Ion:106 Resp: 59760
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.3

Manual Integrations
APPROVED

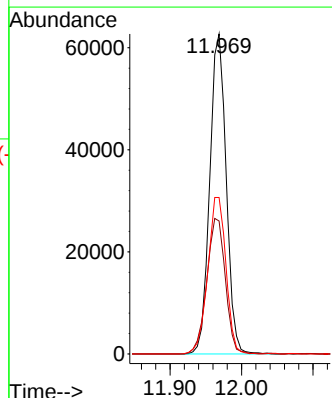
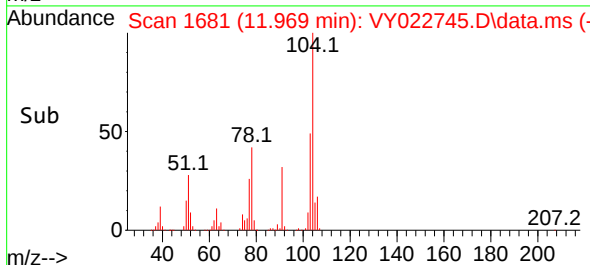
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 21.202 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



Tgt Ion:104 Resp: 100236
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.1 44.1 66.1





#71

Bromoform

Concen: 22.548 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

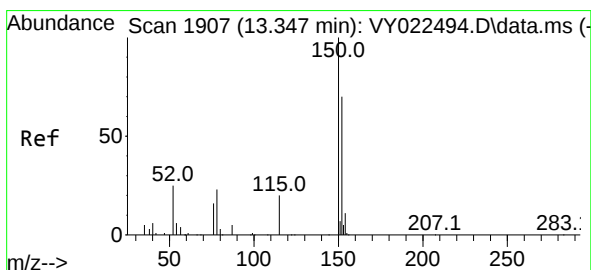
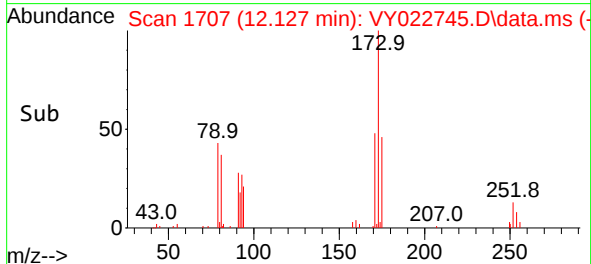
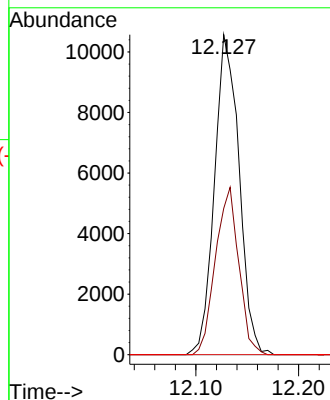
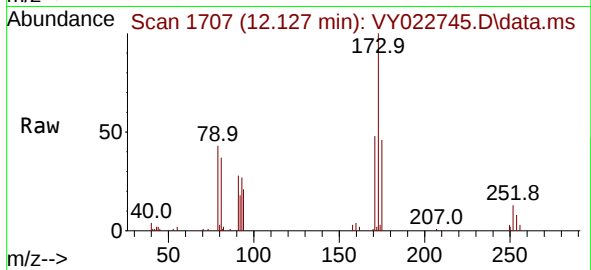
VY0619SBS01

Tgt Ion:173	Resp:	1753
Ion Ratio	Lower	Upper
173	100	
175	49.6	23.8 71.5
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

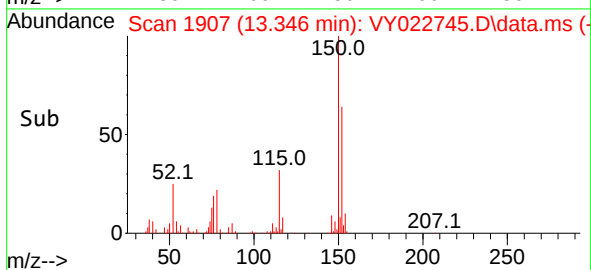
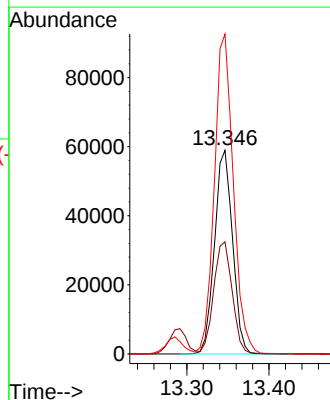
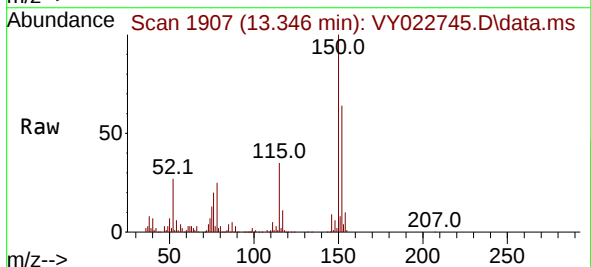
RT: 13.346 min Scan# 1907

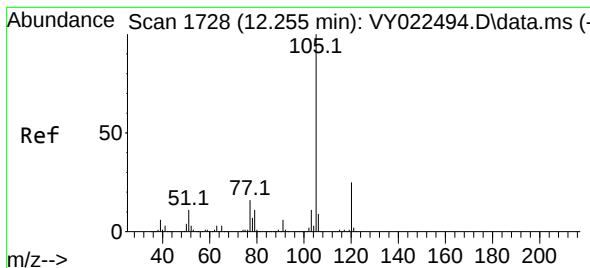
Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion:152	Resp:	90185
Ion Ratio	Lower	Upper
152	100	
115	56.3	28.9 86.7
150	165.1	0.0 349.6





#73

Isopropylbenzene

Concen: 21.104 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

Tgt Ion:105 Resp: 15625

Ion Ratio Lower Upper

105 100

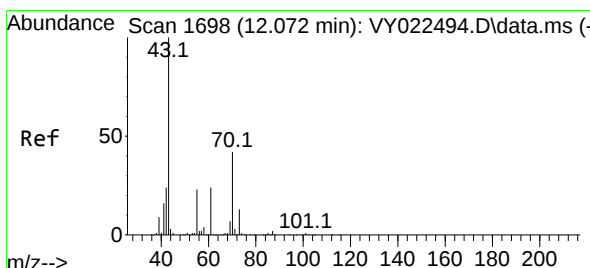
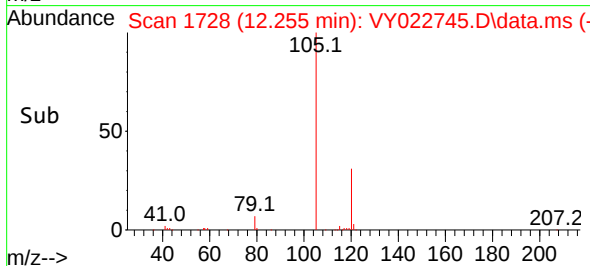
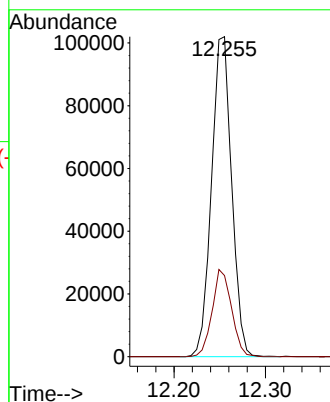
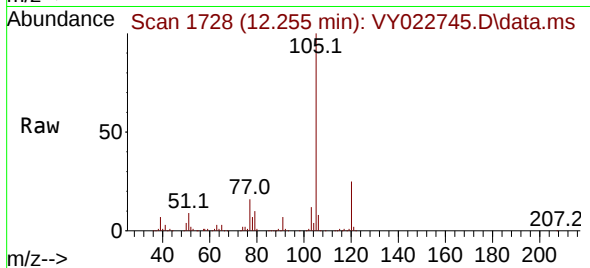
120 26.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#74

N-ethyl acetate

Concen: 21.144 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion: 43 Resp: 39501

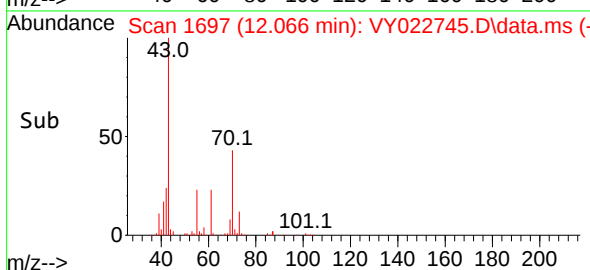
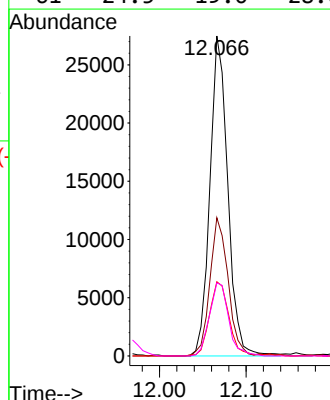
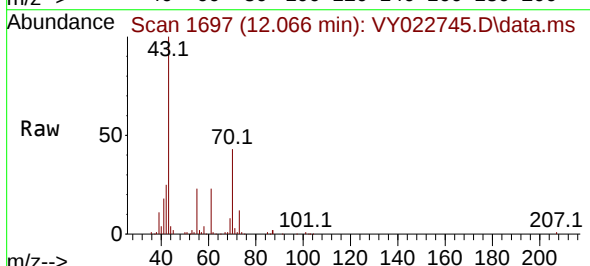
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.2

55 25.3 18.2 27.4

61 24.5 19.0 28.6





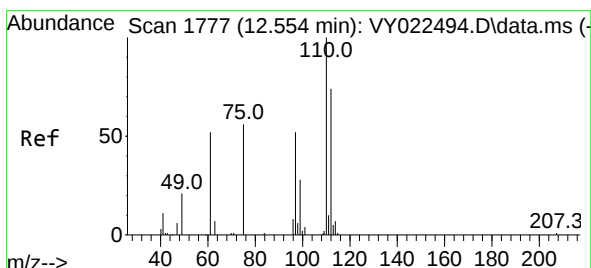
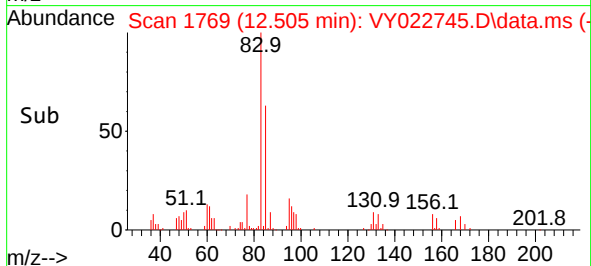
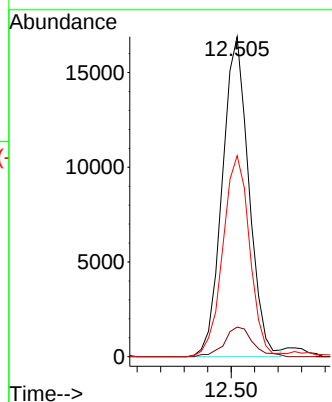
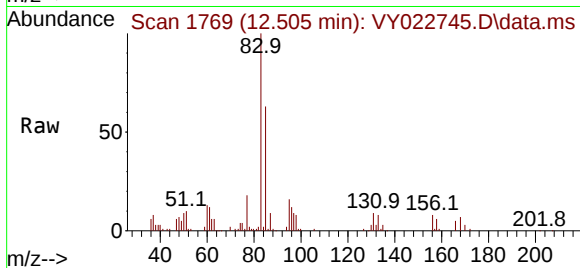
#75
1,1,2,2-Tetrachloroethane
Concen: 21.813 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 83 Resp: 26508
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.7 32.6 97.8

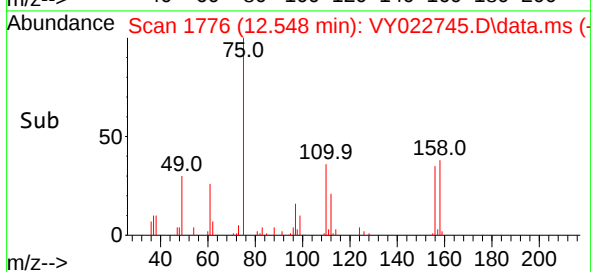
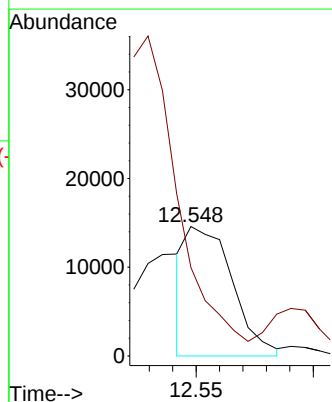
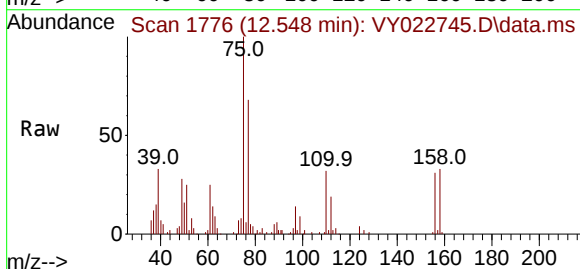
Manual Integrations
APPROVED

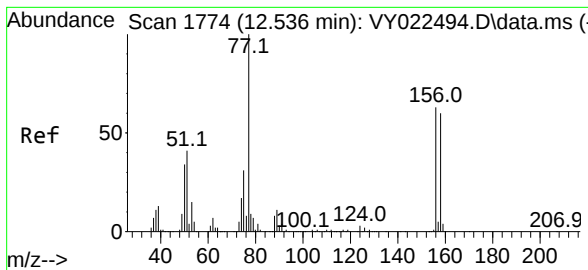
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 19.529 ug/l m
RT: 12.548 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

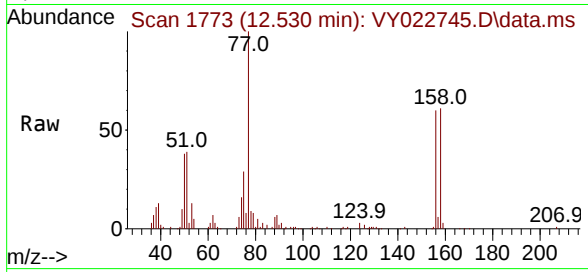
Tgt Ion: 75 Resp: 20149
Ion Ratio Lower Upper
75 100
77 324.8 0.0 0.0#





#77
Bromobenzene
Concen: 21.665 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

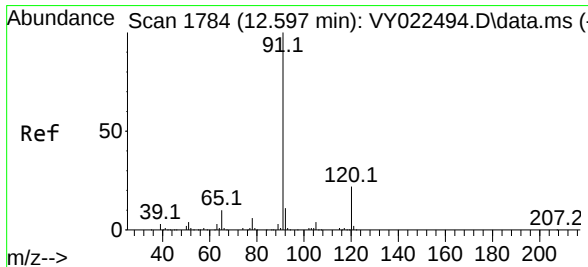
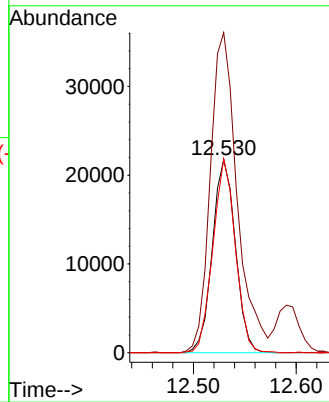
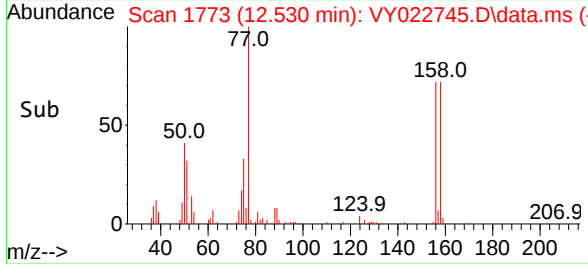
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:156 Resp: 3385
Ion Ratio Lower Upper
156 100
77 193.3 94.0 282.1
158 97.7 48.2 144.6

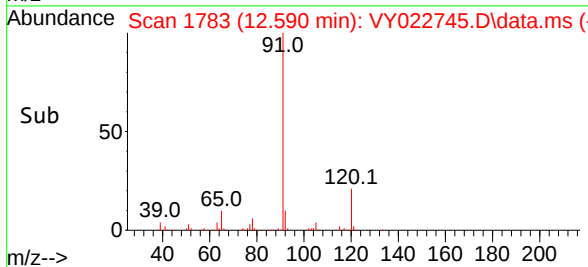
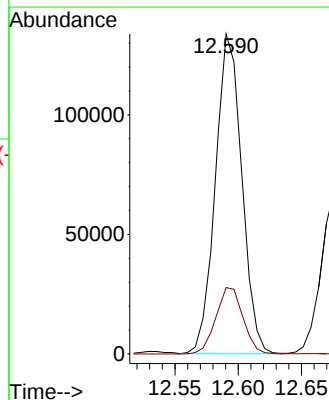
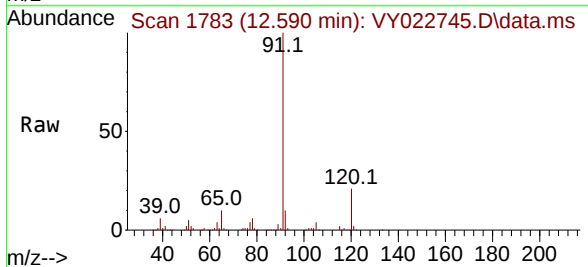
Manual Integrations
APPROVED

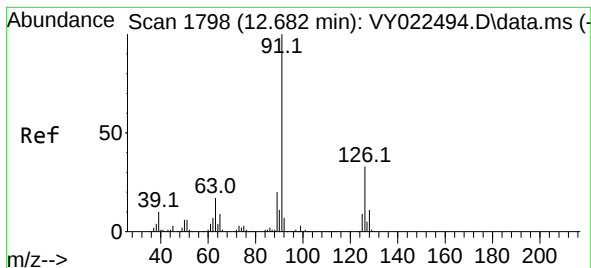
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 21.417 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 91 Resp: 193686
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





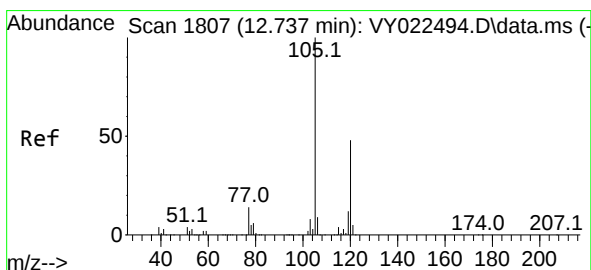
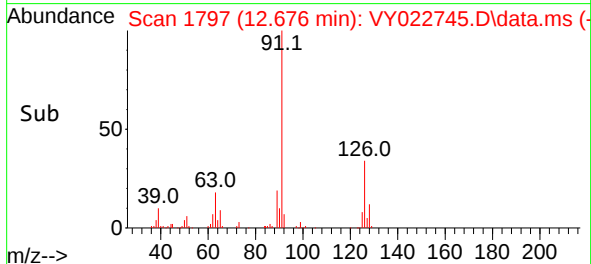
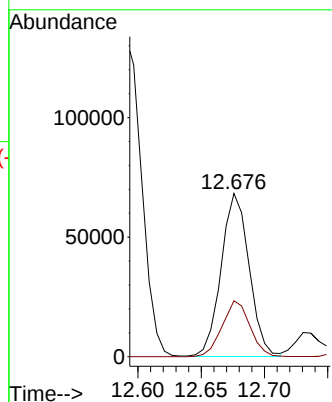
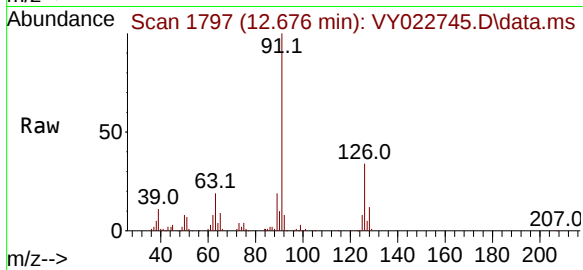
#79
2-Chlorotoluene
Concen: 21.912 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion: 91 Resp: 105023
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

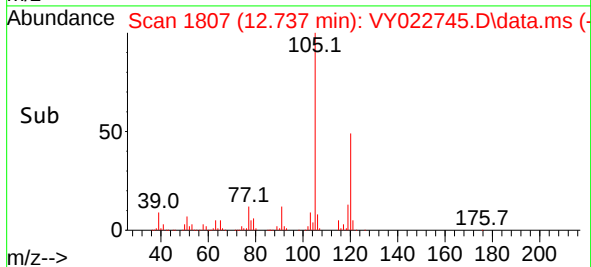
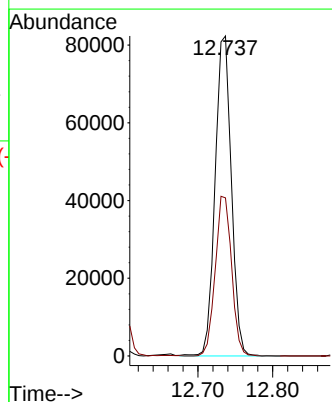
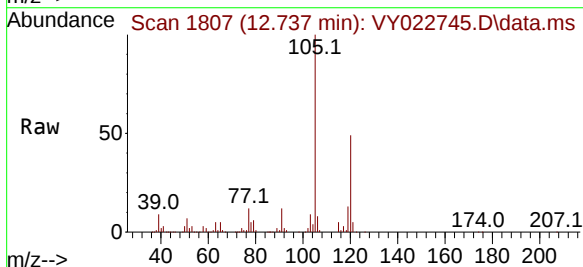
Manual Integrations
APPROVED

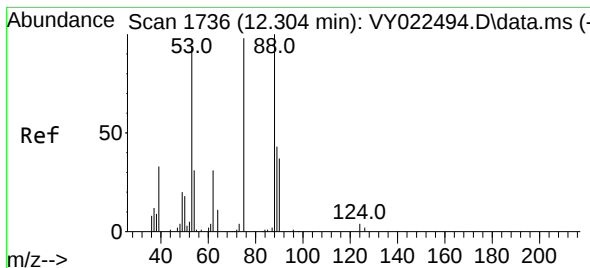
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.348 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

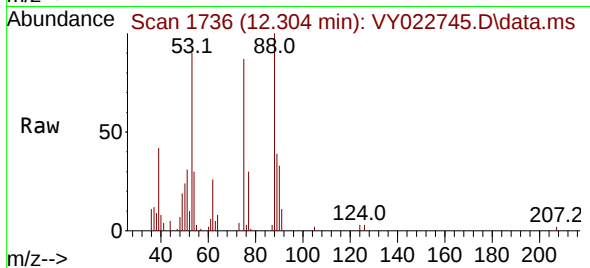
Tgt Ion:105 Resp: 124094
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.438 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

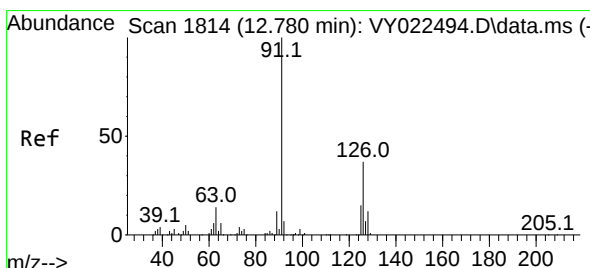
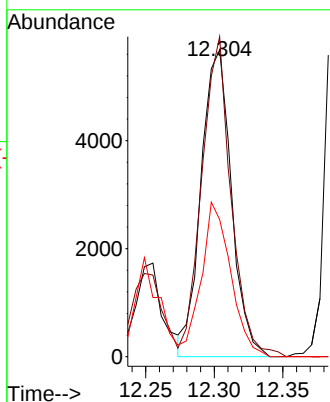
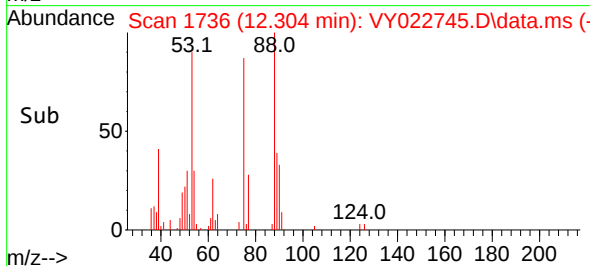
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion: 75 Resp: 873
Ion Ratio Lower Upper
75 100
53 100.4 78.5 117.7
89 49.0 35.7 53.5

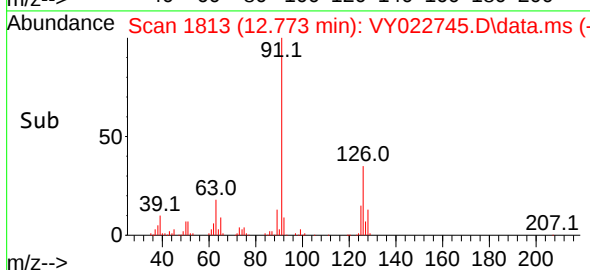
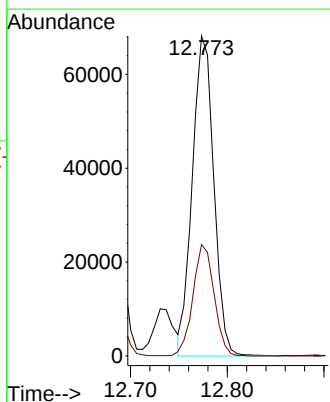
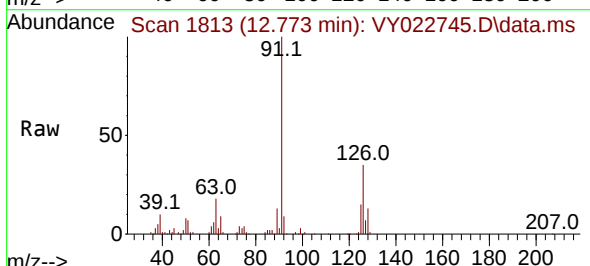
Manual Integrations
APPROVED

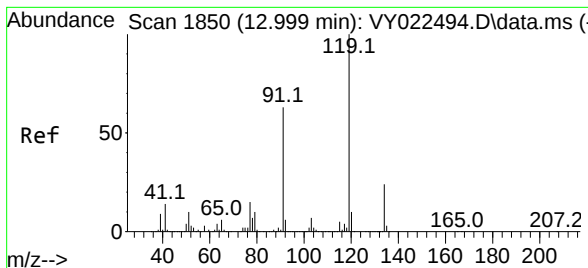
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 21.285 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 91 Resp: 105245
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





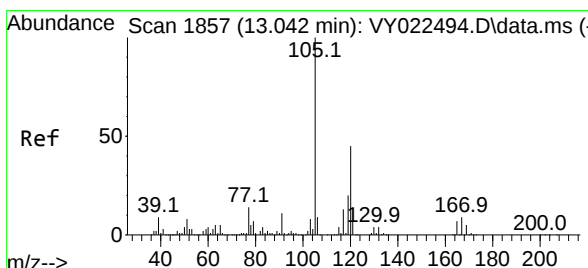
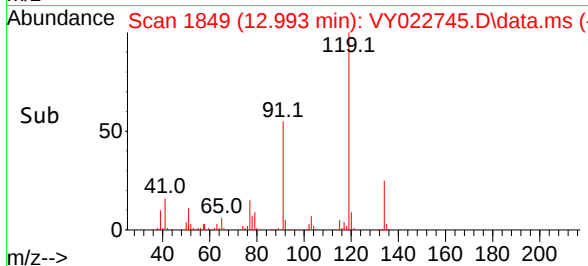
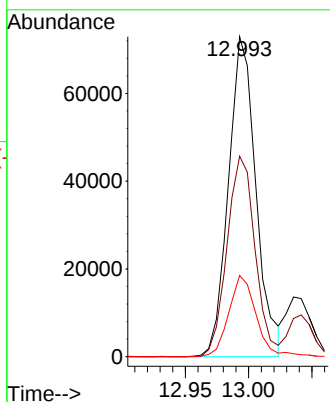
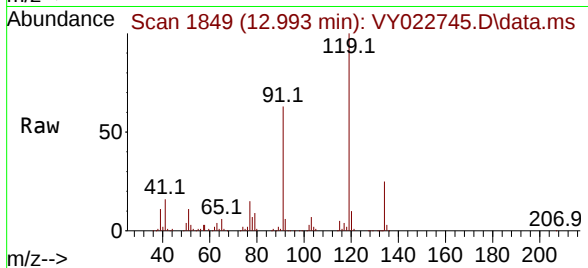
#83
tert-Butylbenzene
Concen: 21.185 ug/l
RT: 12.993 min Scan# 110529
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Tgt Ion:119 Resp: 110529
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.3
134 25.3 13.0 38.9

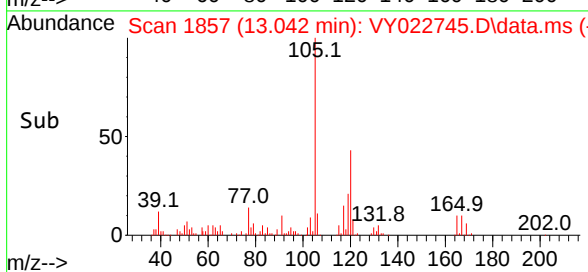
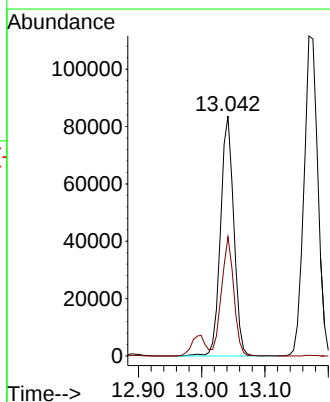
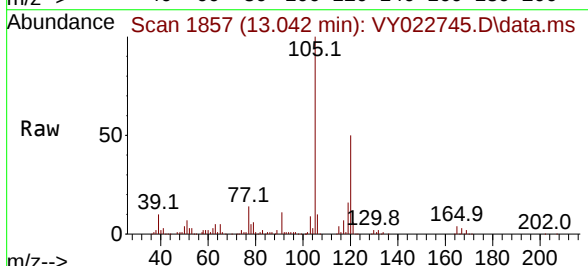
Manual Integrations
APPROVED

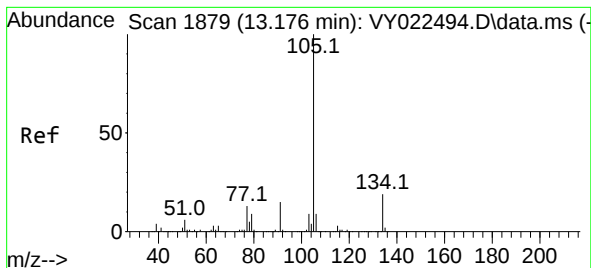
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.849 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:105 Resp: 121217
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.209 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBSD01

Tgt Ion:105 Resp: 16946

Ion Ratio Lower Upper

105 100

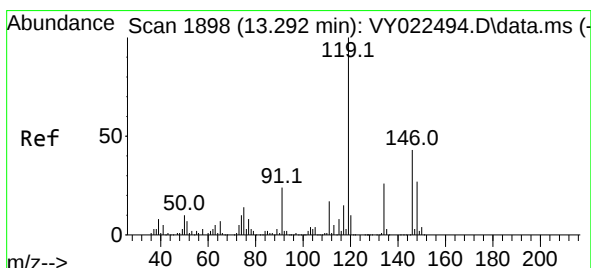
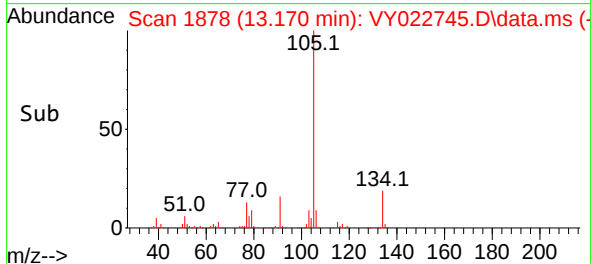
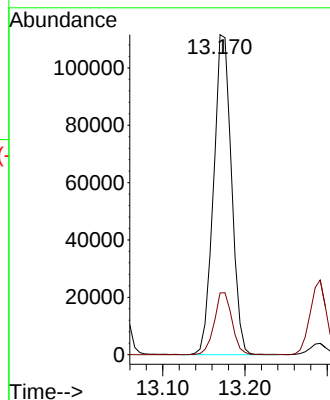
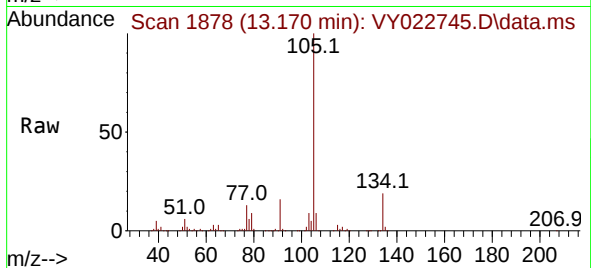
134 19.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#86

p-Isopropyltoluene

Concen: 20.733 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

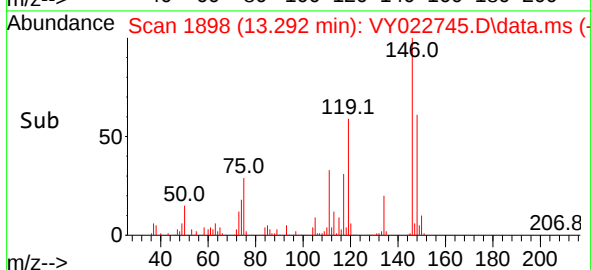
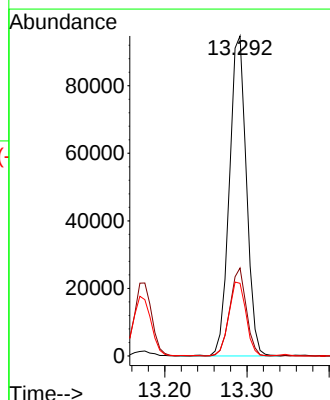
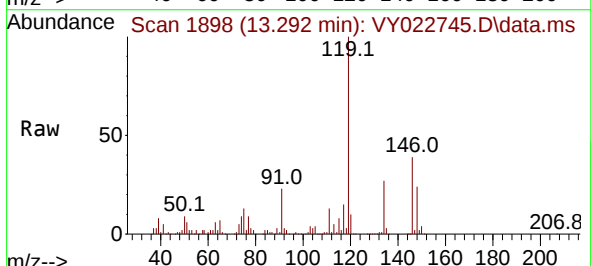
Tgt Ion:119 Resp: 136555

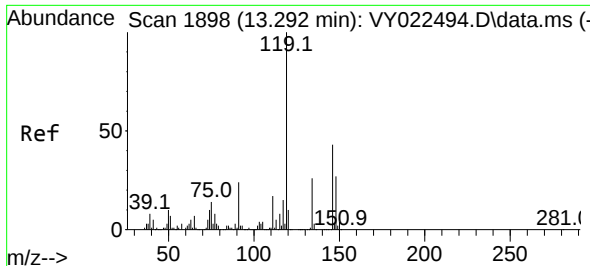
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

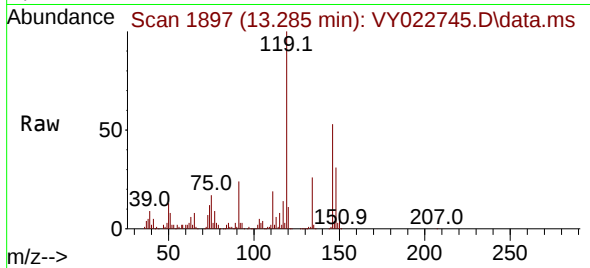
91 23.5 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 21.737 ug/l
RT: 13.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

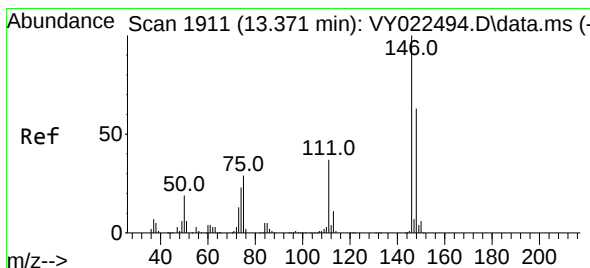
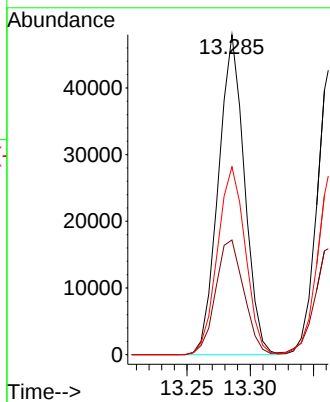
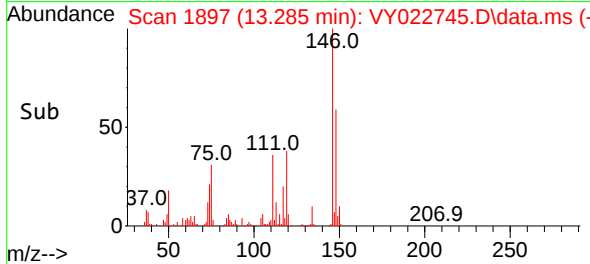
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



Tgt Ion:146 Resp: 68812
Ion Ratio Lower Upper
146 100
111 38.9 20.1 60.2
148 62.7 32.1 96.3

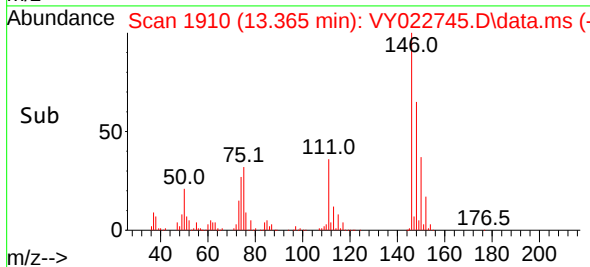
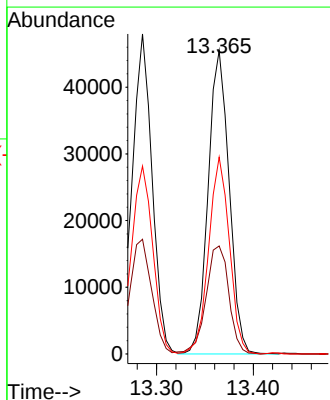
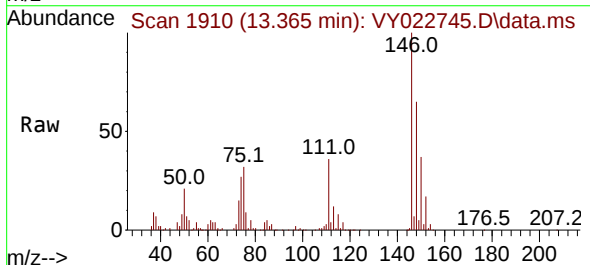
Manual Integrations
APPROVED

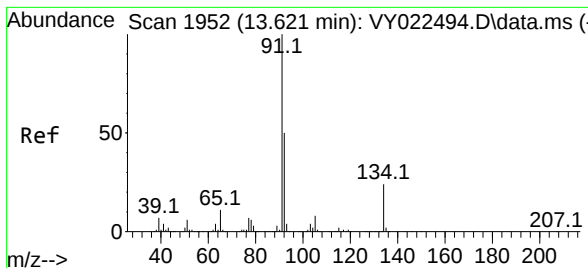
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#88
1,4-Dichlorobenzene
Concen: 22.314 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

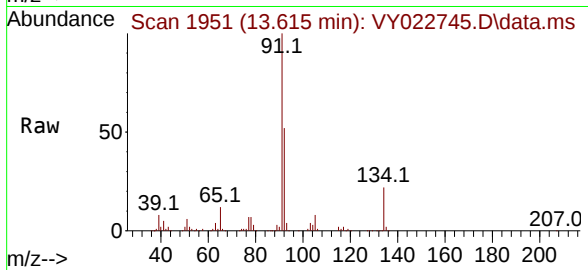
Tgt Ion:146 Resp: 68515
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 20.874 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

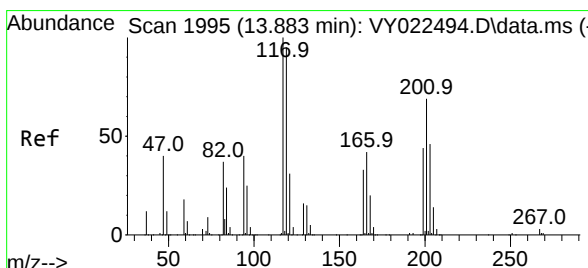
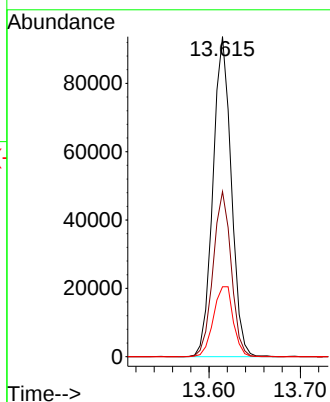
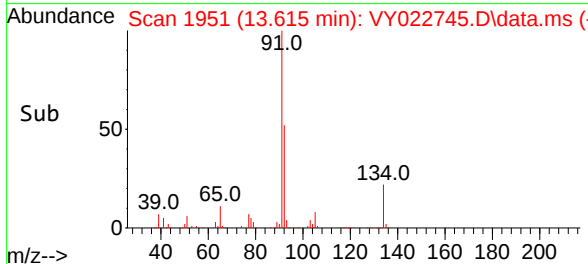
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



Tgt Ion: 91 Resp: 130440
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.8
134 23.7 12.0 36.1

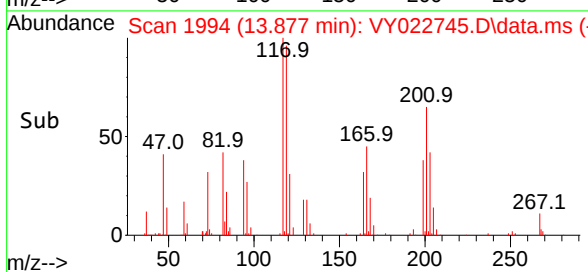
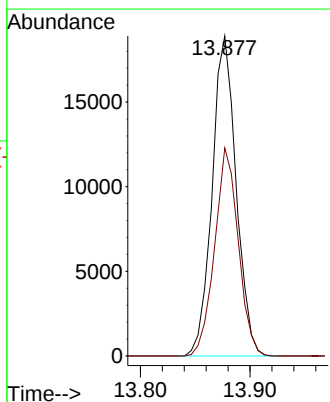
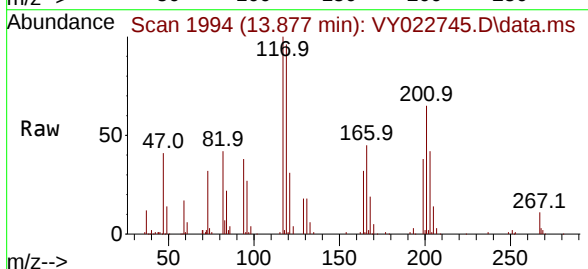
Manual Integrations
APPROVED

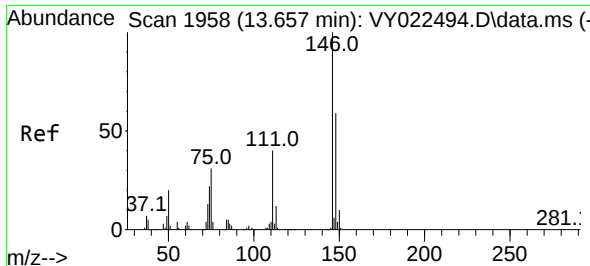
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 22.428 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

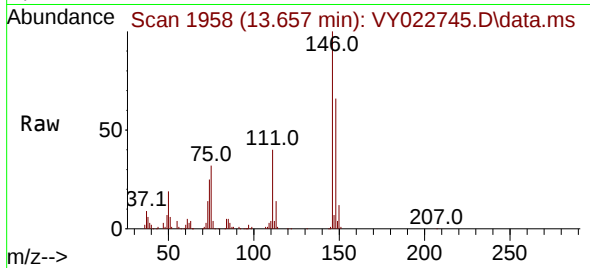
Tgt Ion:117 Resp: 28758
Ion Ratio Lower Upper
117 100
201 64.1 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 22.275 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

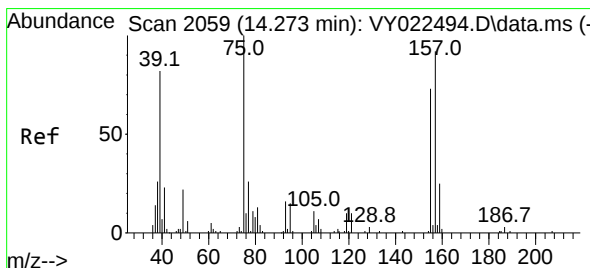
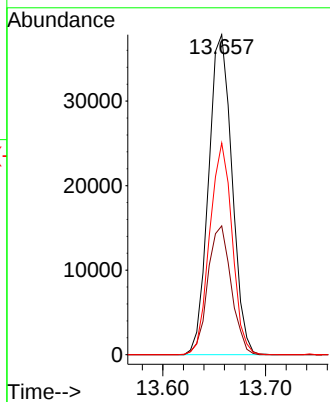
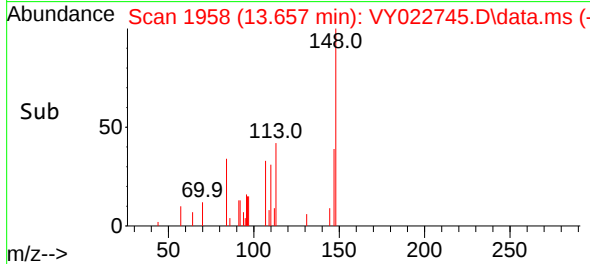
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01



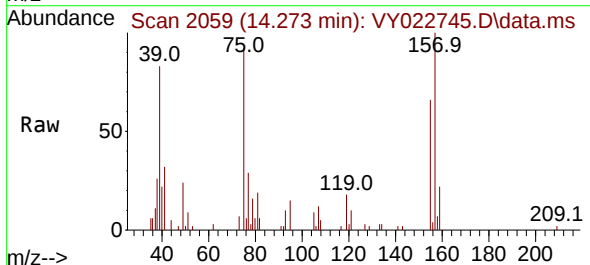
Tgt Ion:146 Resp: 5987
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.6
148 63.4 31.4 94.0

Manual Integrations
APPROVED

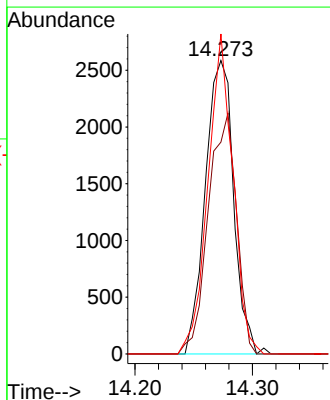
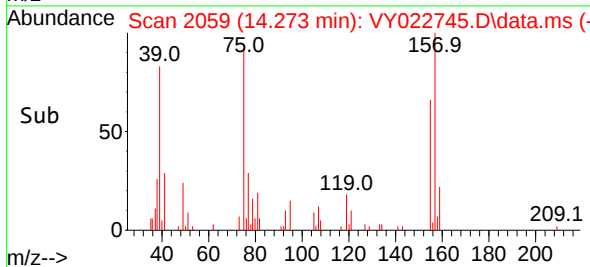
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

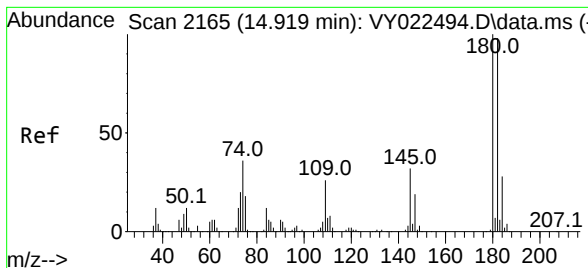


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.456 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



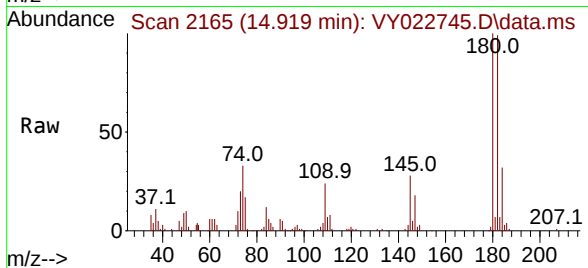
Tgt Ion: 75 Resp: 4327
Ion Ratio Lower Upper
75 100
155 81.7 39.9 119.6
157 96.3 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 21.208 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

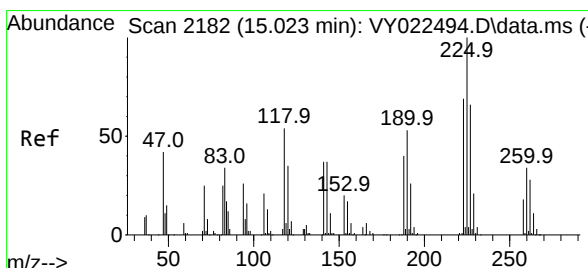
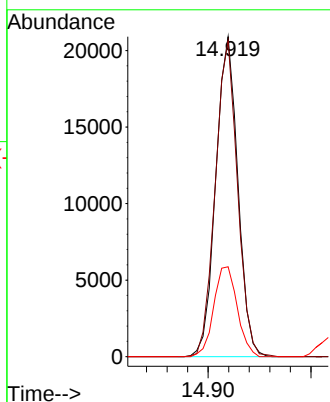
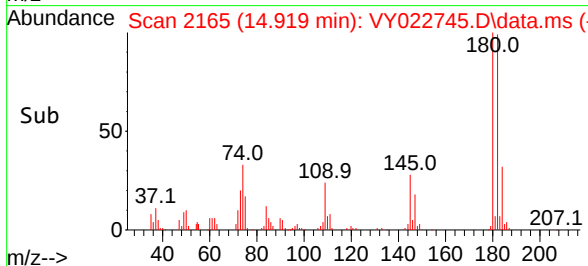
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



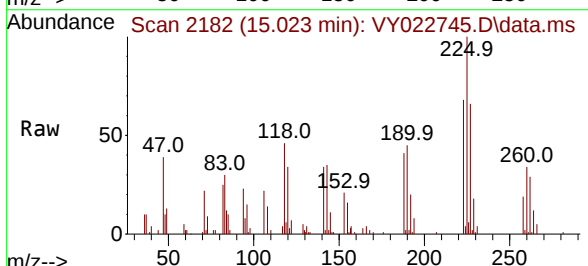
Tgt Ion:180 Resp: 31089
Ion Ratio Lower Upper
180 100
182 99.1 48.4 145.3
145 30.0 15.5 46.5

Manual Integrations
APPROVED

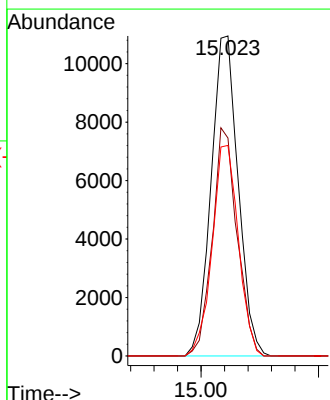
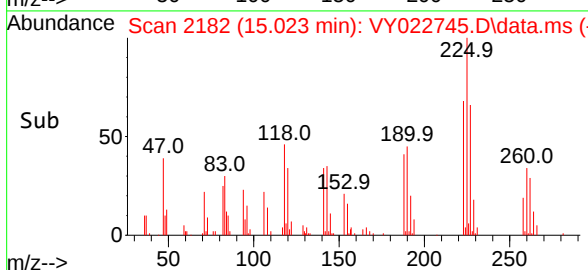
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

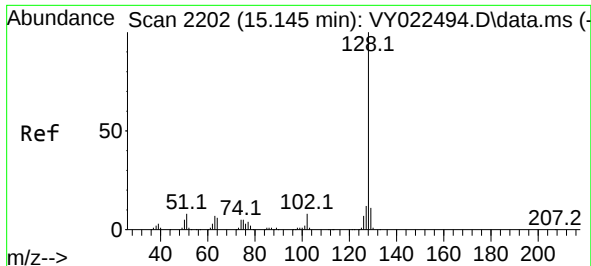


#94
Hexachlorobutadiene
Concen: 21.613 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



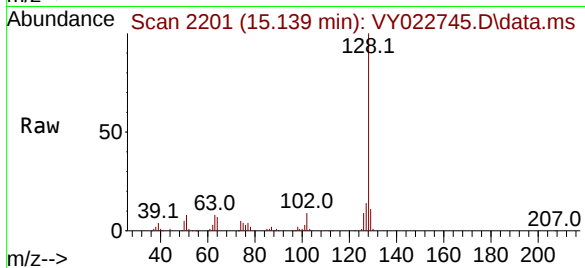
Tgt Ion:225 Resp: 17487
Ion Ratio Lower Upper
225 100
223 65.5 32.5 97.4
227 63.8 32.3 96.9





#95
Naphthalene
Concen: 20.985 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

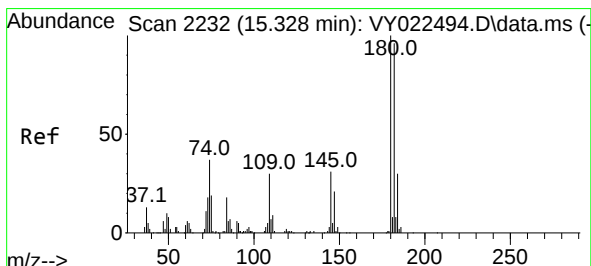
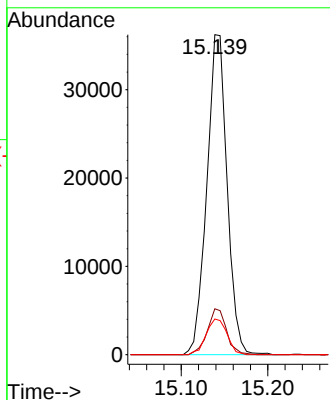
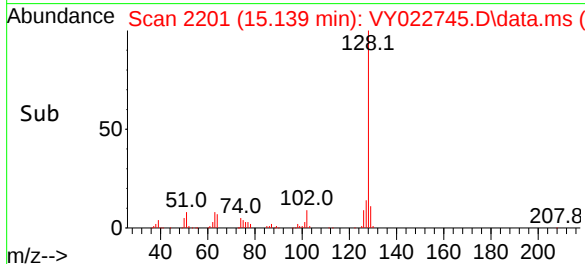
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01



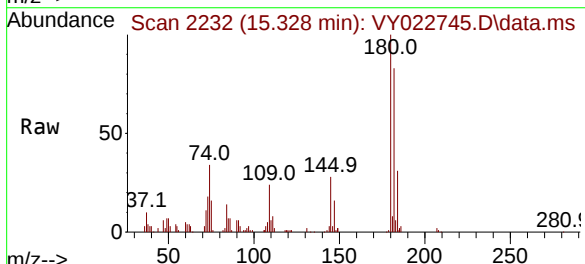
Tgt Ion:128 Resp: 5903
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 22.433 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49



Tgt Ion:180 Resp: 28183
Ion Ratio Lower Upper
180 100
182 89.1 47.1 141.3
145 30.0 15.2 45.6

