

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023869.D
 Acq On : 03 Dec 2025 14:27
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 04 03:38:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	523570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	802325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	676124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	341141	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	111731	21.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.660%#
35) Dibromofluoromethane	7.640	113	112122	21.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.580%#
50) Toluene-d8	10.109	98	434670	21.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	43.420%#
62) 4-Bromofluorobenzene	12.408	95	139144	20.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	68929	17.406	ug/l	98
3) Chloromethane	2.074	50	94605	16.747	ug/l	99
4) Vinyl Chloride	2.208	62	109903	17.056	ug/l	98
5) Bromomethane	2.598	94	79696	17.129	ug/l	96
6) Chloroethane	2.739	64	74000	16.938	ug/l	97
7) Trichlorofluoromethane	3.062	101	154189	17.113	ug/l	99
8) Diethyl Ether	3.458	74	46021	17.050	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	93298	17.283	ug/l	99
10) Methyl Iodide	4.013	142	86205	16.139	ug/l	99
11) Tert butyl alcohol	4.866	59	36380	88.541	ug/l	98
12) 1,1-Dichloroethene	3.799	96	87031	17.255	ug/l	97
13) Acrolein	3.659	56	36655	112.101	ug/l	95
14) Allyl chloride	4.391	41	135995	16.864	ug/l	100
15) Acrylonitrile	5.061	53	99662	84.833	ug/l	99
16) Acetone	3.873	43	148290	94.485	ug/l	99
17) Carbon Disulfide	4.116	76	229579	15.405	ug/l	99
18) Methyl Acetate	4.391	43	42615	16.008	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	215306	16.993	ug/l	99
20) Methylene Chloride	4.622	84	102741	16.939	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	92900	16.694	ug/l	96
22) Diisopropyl ether	6.025	45	308343	17.366	ug/l	95
23) Vinyl Acetate	5.970	43	836679	85.008	ug/l	97
24) 1,1-Dichloroethane	5.921	63	179891	17.535	ug/l	98
25) 2-Butanone	6.896	43	167012	88.273	ug/l	97
26) 2,2-Dichloropropane	6.890	77	163185	17.355	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	111129	17.198	ug/l	99
28) Bromochloromethane	7.250	49	74239	18.939	ug/l	98
29) Tetrahydrofuran	7.268	42	80851	82.630	ug/l	97
30) Chloroform	7.427	83	183955	17.745	ug/l	99
31) Cyclohexane	7.707	56	159573	16.268	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	162535	17.368	ug/l	99
36) 1,1-Dichloropropene	7.841	75	129540	17.072	ug/l	100
37) Ethyl Acetate	6.988	43	61092	17.436	ug/l	97
38) Carbon Tetrachloride	7.823	117	146066	17.442	ug/l	96
39) Methylcyclohexane	9.109	83	158002	15.997	ug/l	98
40) Benzene	8.085	78	396185	17.274	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34027	18.836	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	105539	17.634	ug/l	99
43) Isopropyl Acetate	8.201	43	111228	16.967	ug/l #	86
44) Trichloroethene	8.872	130	101162	17.142	ug/l	99
45) 1,2-Dichloropropane	9.146	63	94784	17.454	ug/l	98
46) Dibromomethane	9.238	93	50804	17.280	ug/l	98
47) Bromodichloromethane	9.426	83	135816	17.510	ug/l	99
48) Methyl methacrylate	9.225	41	51106	16.687	ug/l	99
49) 1,4-Dioxane	9.238	88	10567	323.248	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	295304	85.665	ug/l	98
52) Toluene	10.170	92	245582	17.099	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	120787	17.254	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	141367	17.148	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	68830	17.343	ug/l	96
56) Ethyl methacrylate	10.438	69	80835	16.945	ug/l	98
57) 1,3-Dichloropropane	10.719	76	117588	17.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	218831	96.463	ug/l	99
59) 2-Hexanone	10.762	43	231987	89.230	ug/l	98
60) Dibromochloromethane	10.914	129	92070	17.301	ug/l	100
61) 1,2-Dibromoethane	11.018	107	62065	17.160	ug/l	99
64) Tetrachloroethene	10.646	164	118551	17.917	ug/l	99
65) Chlorobenzene	11.444	112	274266	17.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	93428	17.744	ug/l	99
67) Ethyl Benzene	11.518	91	464136	17.397	ug/l	100
68) m/p-Xylenes	11.633	106	360229	35.326	ug/l	100
69) o-Xylene	11.957	106	167211	17.531	ug/l	99
70) Styrene	11.969	104	274264	17.444	ug/l	99
71) Bromoform	12.133	173	50874	17.100	ug/l #	97
73) Isopropylbenzene	12.255	105	443570	17.648	ug/l	99
74) N-amyl acetate	12.072	43	89434	16.418	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70174	17.305	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	68098m	20.136	ug/l	
77) Bromobenzene	12.530	156	101109	17.321	ug/l	99
78) n-propylbenzene	12.597	91	541647	17.859	ug/l	99
79) 2-Chlorotoluene	12.682	91	306826	17.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	366921	17.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	23281	16.487	ug/l	93
82) 4-Chlorotoluene	12.780	91	318020	17.809	ug/l	100
83) tert-Butylbenzene	12.999	119	325007	17.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	362427	17.914	ug/l	99
85) sec-Butylbenzene	13.176	105	485690	17.734	ug/l	98
86) p-Isopropyltoluene	13.292	119	403980	17.815	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	207114	17.611	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	203232	17.622	ug/l	98
89) n-Butylbenzene	13.615	91	369923	17.625	ug/l	98
90) Hexachloroethane	13.877	117	85598	17.993	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	182086	17.801	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11032	17.302	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	102184	16.849	ug/l	100
94) Hexachlorobutadiene	15.023	225	66764	17.547	ug/l	100
95) Naphthalene	15.145	128	160700	16.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	88059	17.016	ug/l	99

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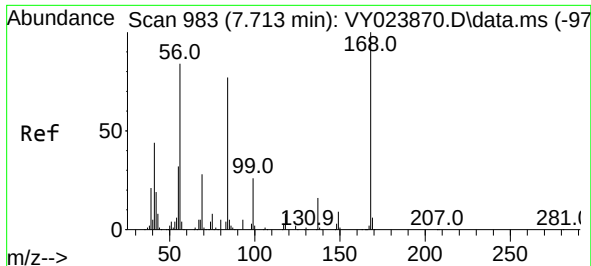
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/04/2025

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QLast Update : Thu Dec 04 03:37:03 2025
Response via : Initial Calibration

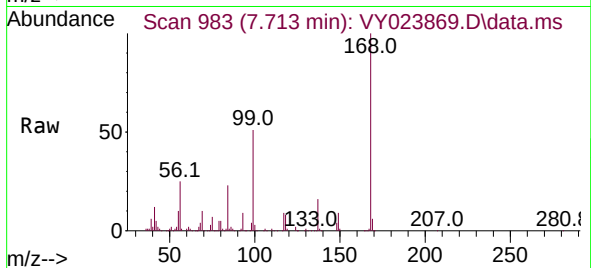
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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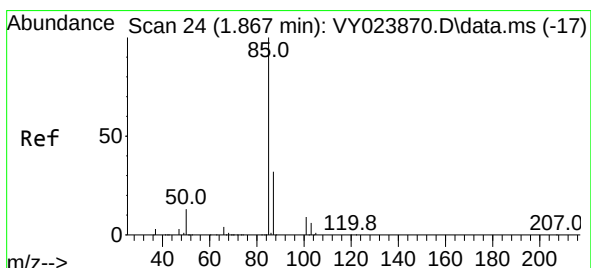
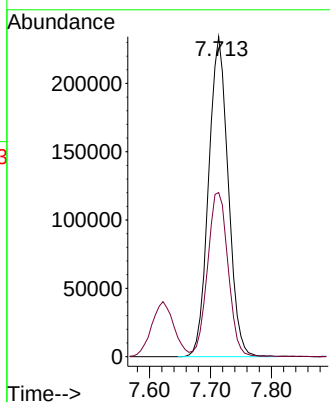
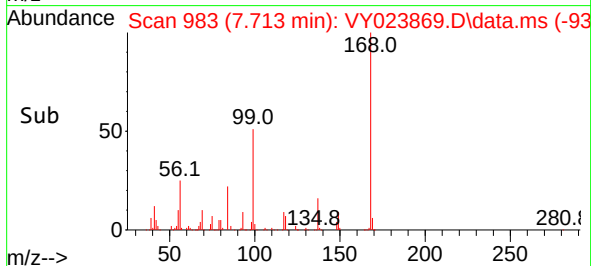
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 523570
Ion Ratio Lower Upper
168 100
99 51.2 42.5 63.7

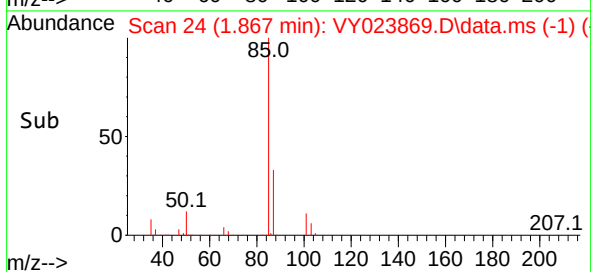
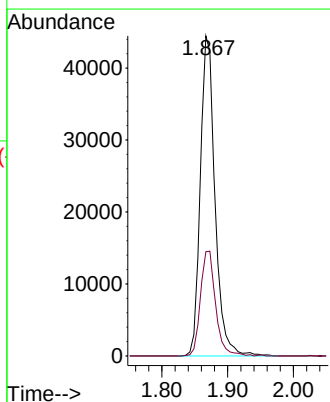
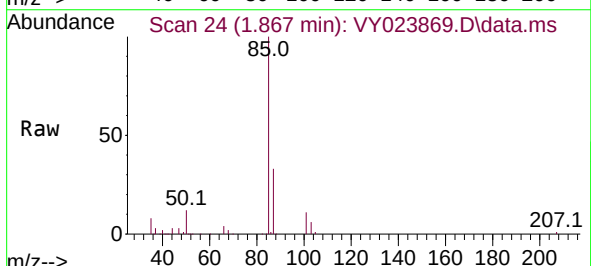
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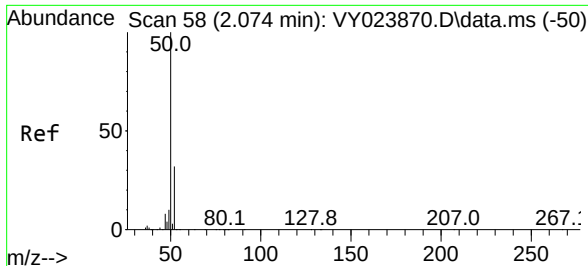
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 17.406 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

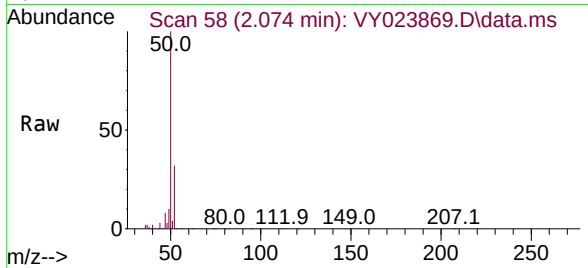
Tgt Ion: 85 Resp: 68929
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.6





#3
Chloromethane
Concen: 16.747 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

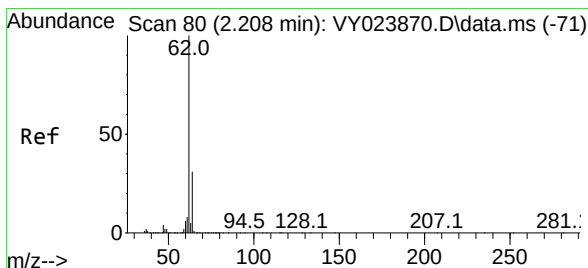
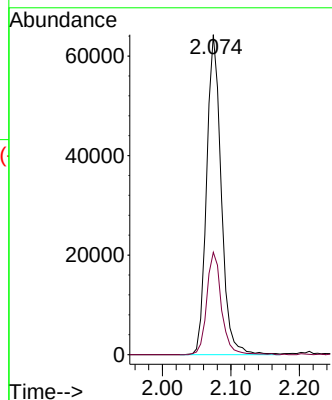
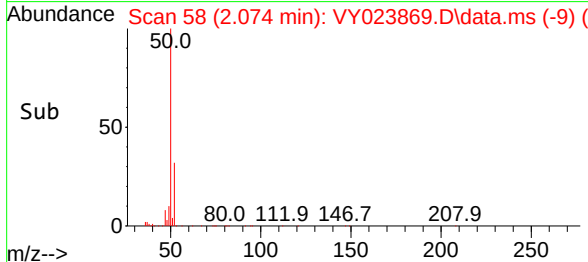
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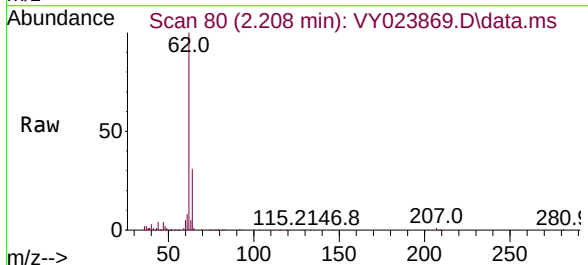
Tgt Ion: 50 Resp: 94605
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8

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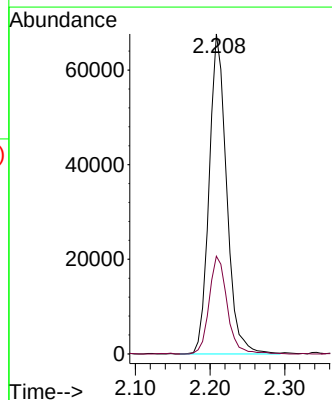
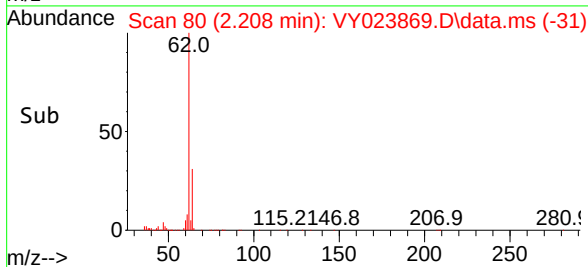
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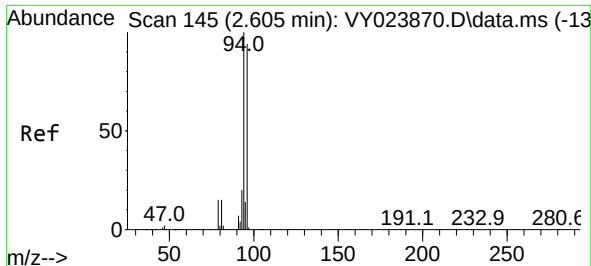


#4
Vinyl Chloride
Concen: 17.056 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion: 62 Resp: 109903
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





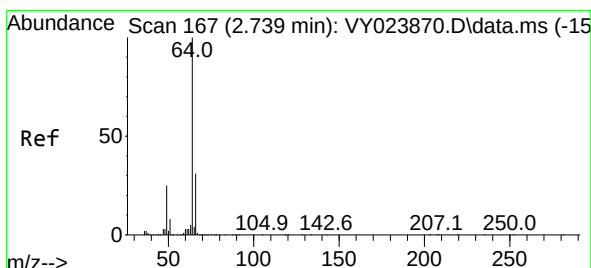
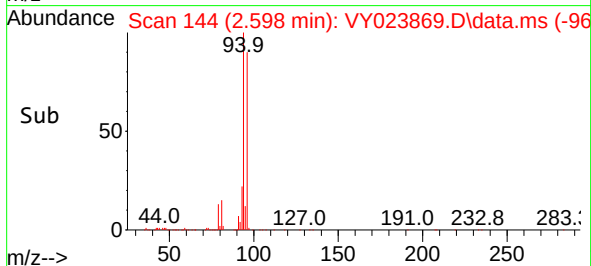
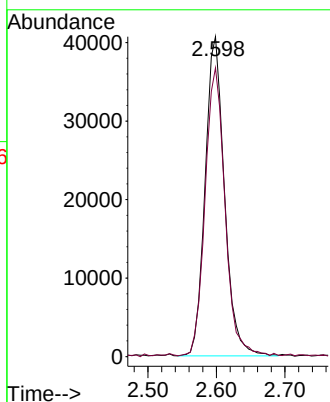
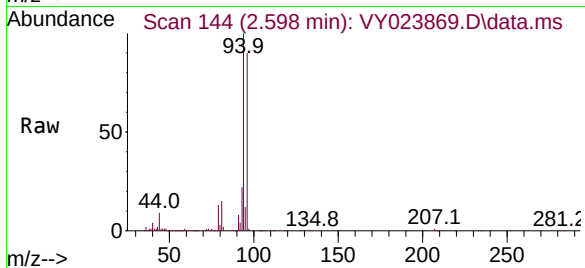
#5
Bromomethane
Concen: 17.129 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 79696
Ion Ratio Lower Upper
94 100
96 90.1 75.2 112.8

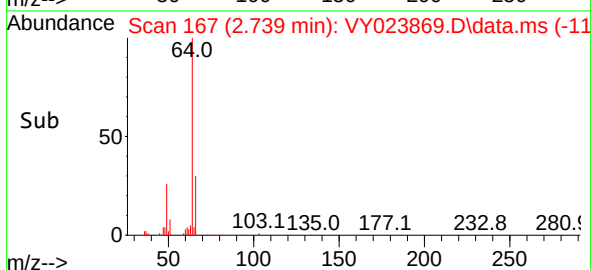
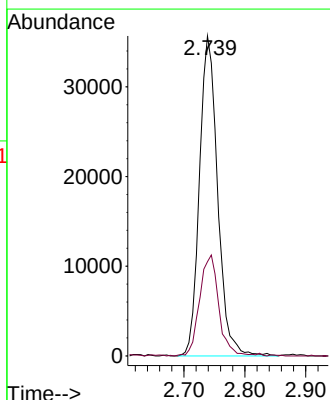
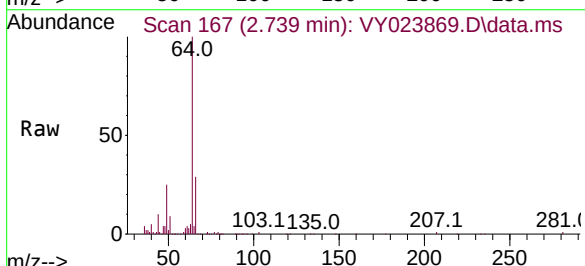
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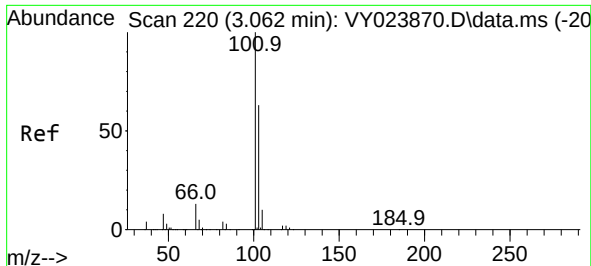
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 16.938 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

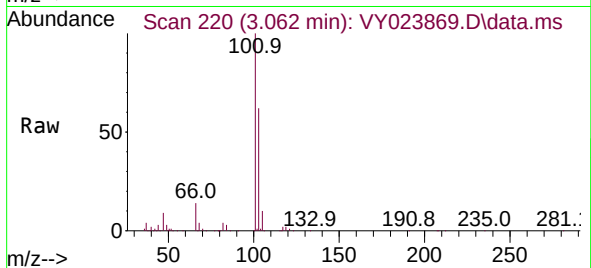
Tgt Ion: 64 Resp: 74000
Ion Ratio Lower Upper
64 100
66 29.2 24.8 37.2





#7
Trichlorofluoromethane
Concen: 17.113 ug/l
RT: 3.062 min Scan# 220
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

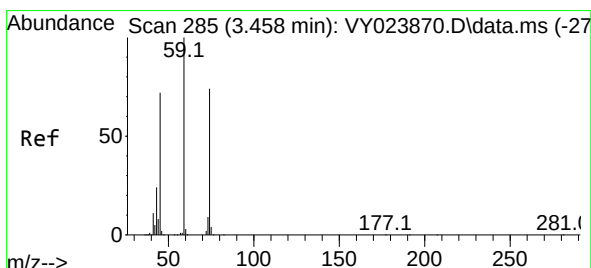
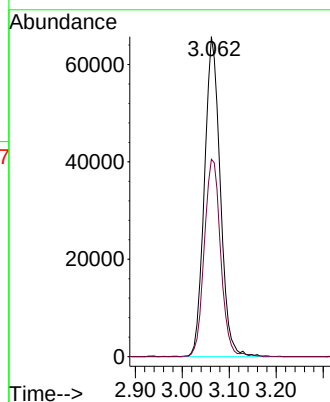
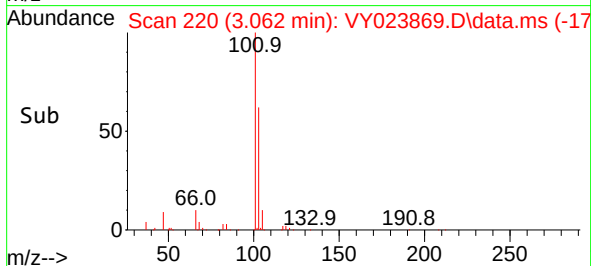
Instrument :
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ClientSampleId :
VSTDICC020



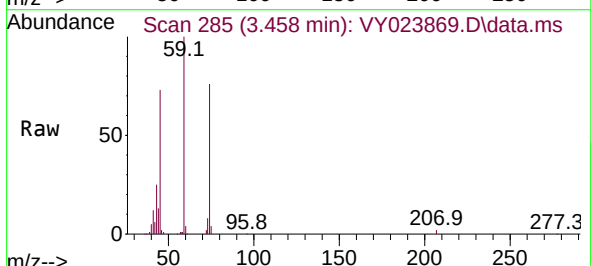
Tgt Ion:101 Resp: 154189
Ion Ratio Lower Upper
101 100
103 61.7 50.2 75.2

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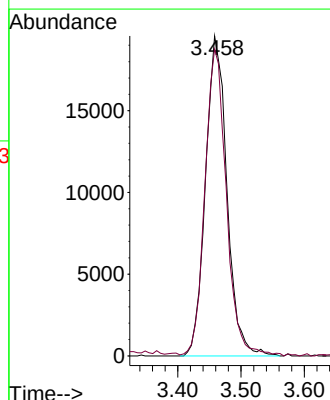
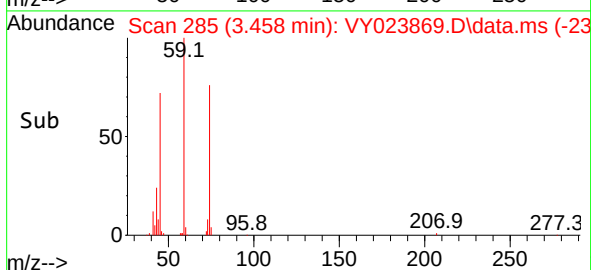
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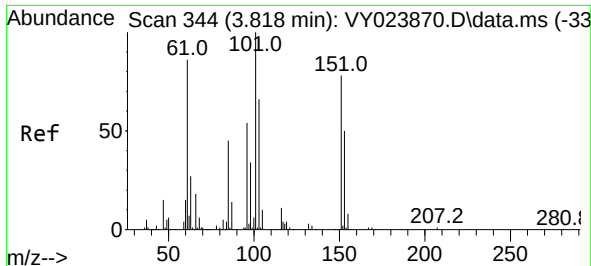


#8
Diethyl Ether
Concen: 17.050 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023869.D
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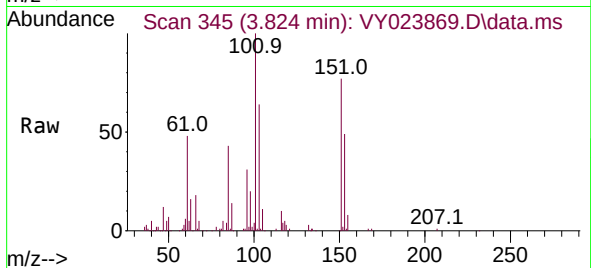
Tgt Ion: 74 Resp: 46021
Ion Ratio Lower Upper
74 100
45 96.0 48.4 145.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.283 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023869.D
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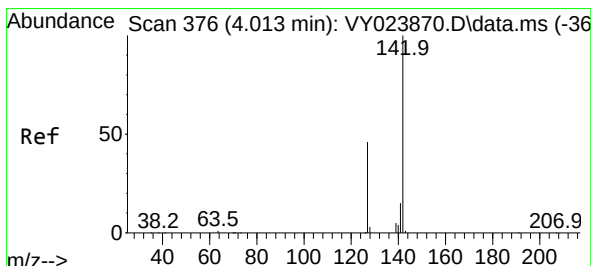
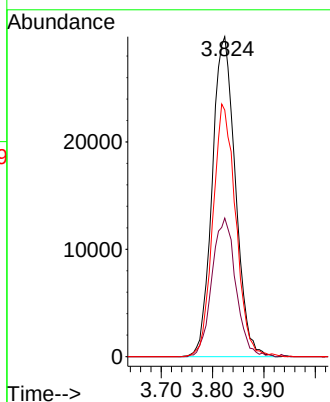
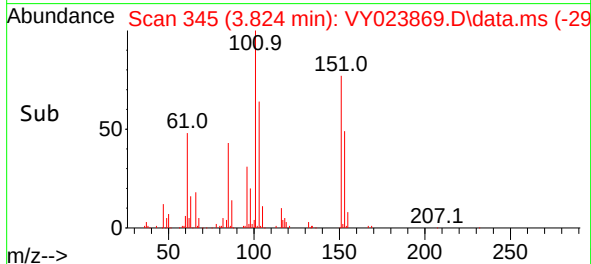
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



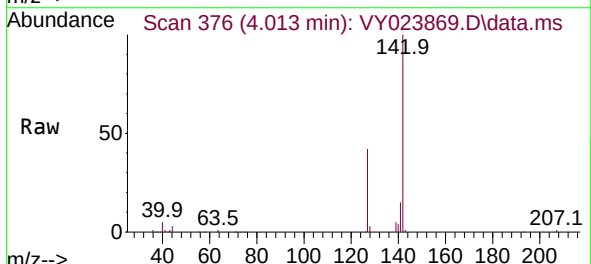
Tgt Ion:101 Resp: 93298
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.8
151 78.0 63.4 95.0

Manual Integrations
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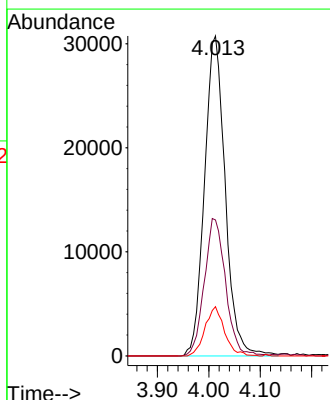
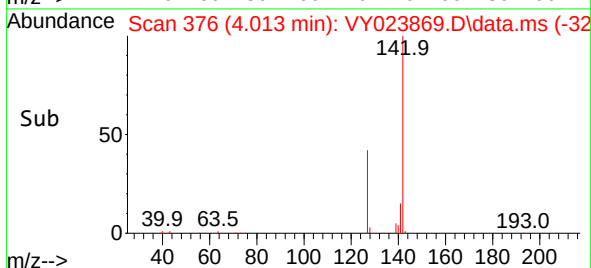
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

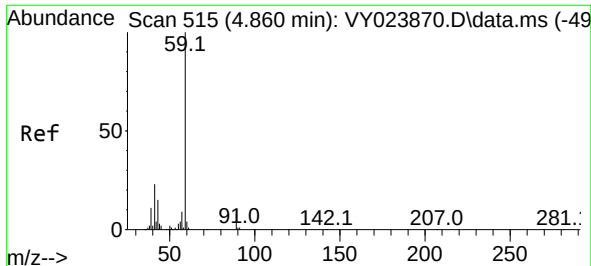


#10
Methyl Iodide
Concen: 16.139 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



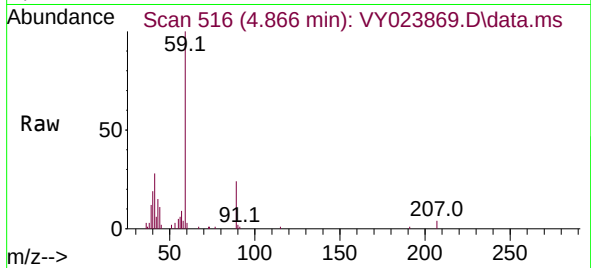
Tgt Ion:142 Resp: 86205
Ion Ratio Lower Upper
142 100
127 44.1 36.1 54.1
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 88.541 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

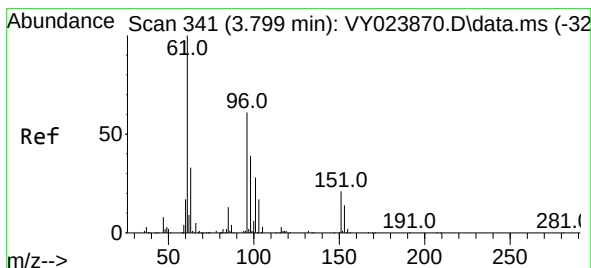
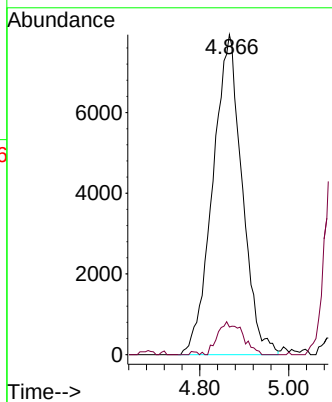
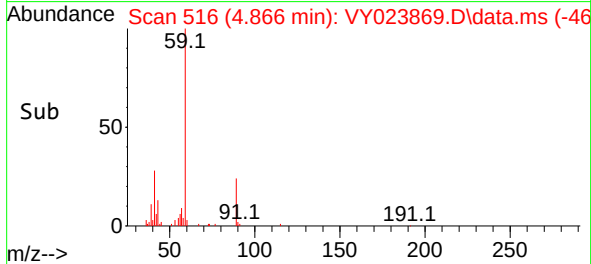
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



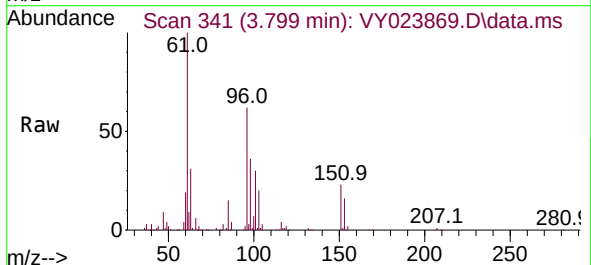
Tgt Ion: 59 Resp: 36380
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5

Manual Integrations
APPROVED

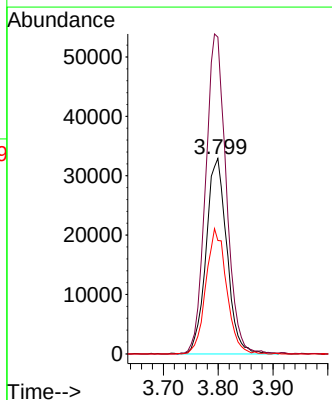
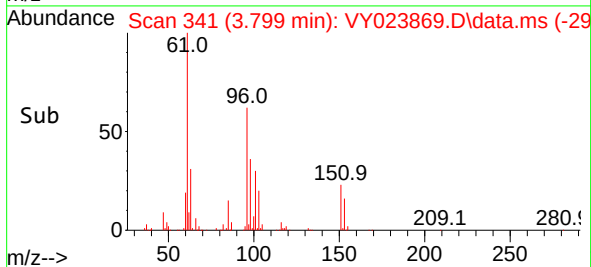
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

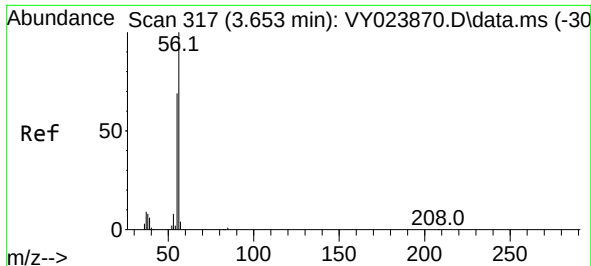


#12
1,1-Dichloroethene
Concen: 17.255 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



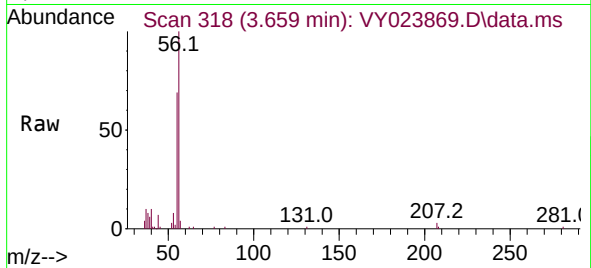
Tgt Ion: 96 Resp: 87031
Ion Ratio Lower Upper
96 100
61 162.0 131.2 196.8
98 57.8 51.3 76.9





#13
Acrolein
Concen: 112.101 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

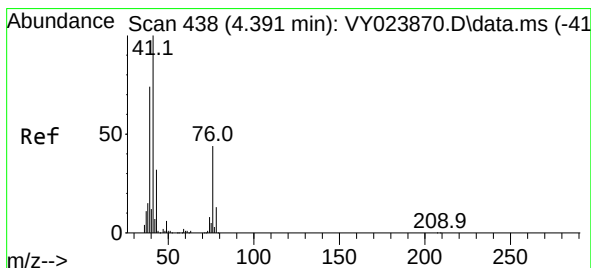
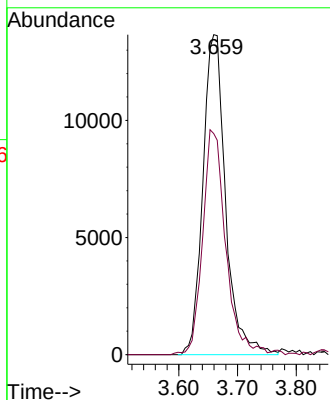
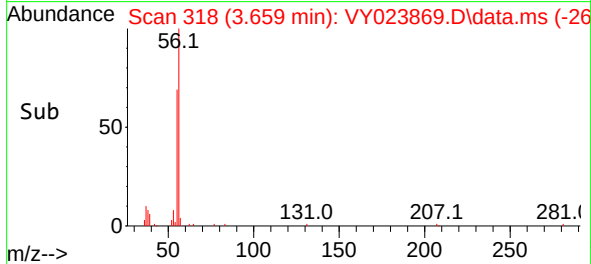
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 36655
Ion Ratio Lower Upper
56 100
55 69.9 59.0 88.6

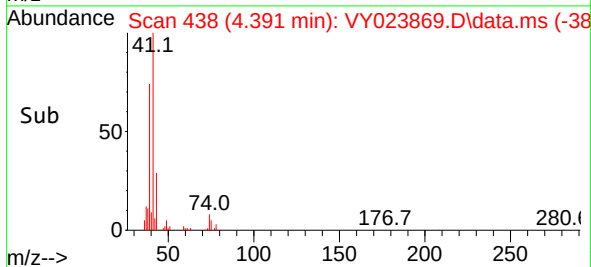
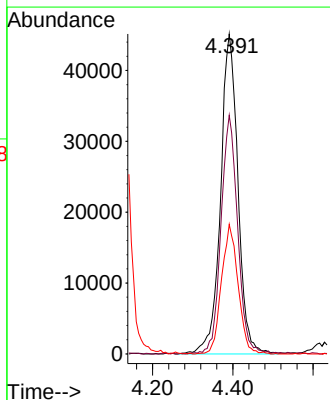
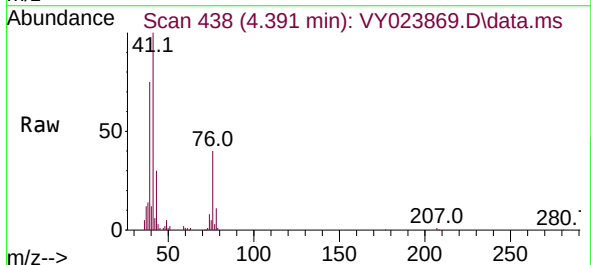
Manual Integrations
APPROVED

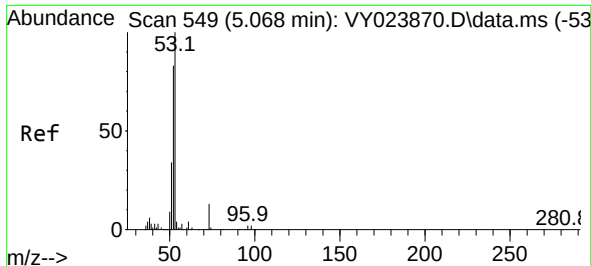
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 16.864 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

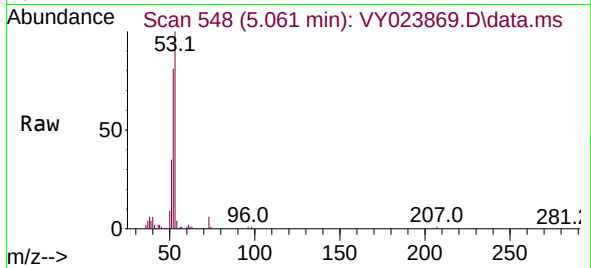
Tgt Ion: 41 Resp: 135995
Ion Ratio Lower Upper
41 100
39 71.5 57.4 86.0
76 38.5 30.8 46.2





#15
Acrylonitrile
Concen: 84.833 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

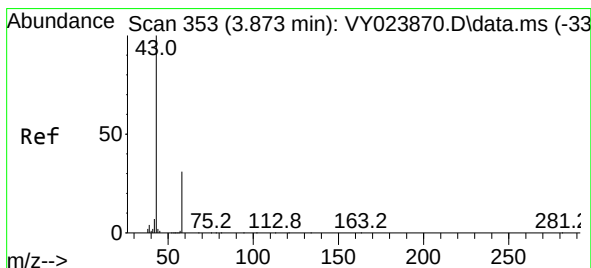
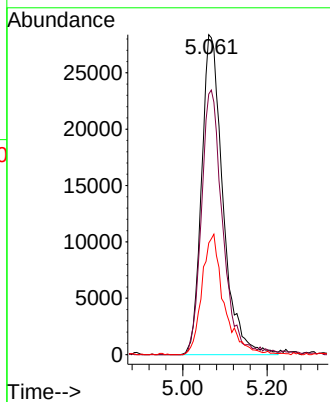
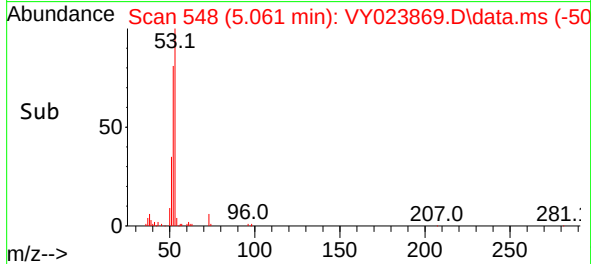
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 99662
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 38.4 29.5 44.3

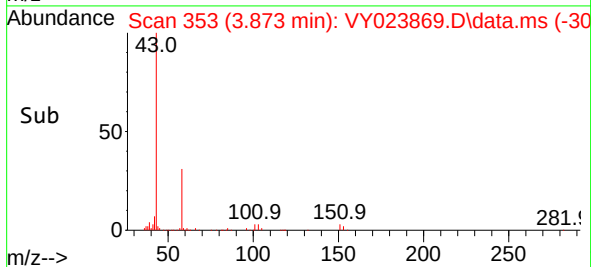
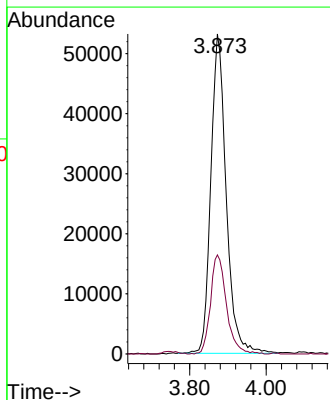
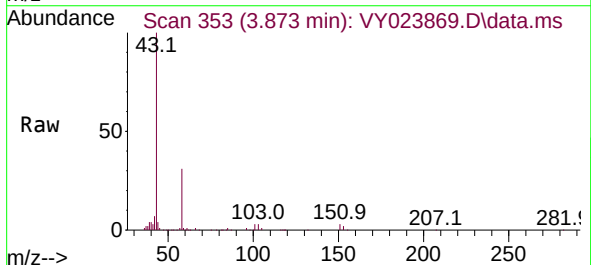
Manual Integrations
APPROVED

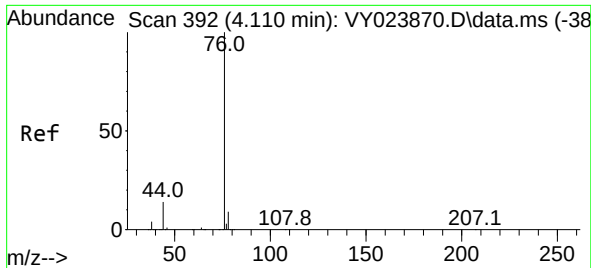
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 94.485 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

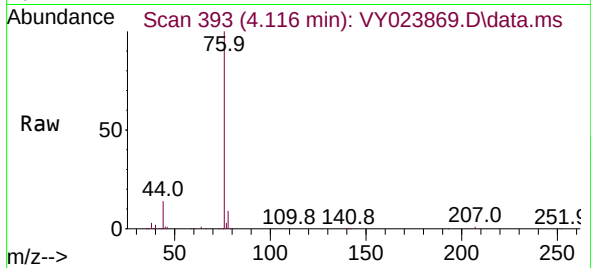
Tgt Ion: 43 Resp: 148290
Ion Ratio Lower Upper
43 100
58 30.7 25.1 37.7





#17
Carbon Disulfide
Concen: 15.405 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

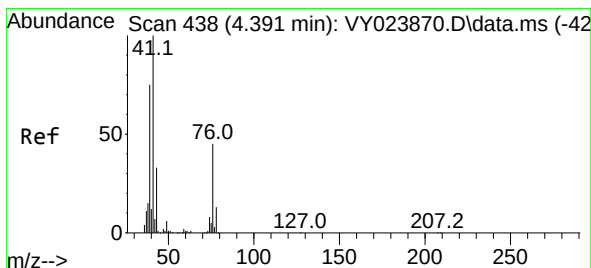
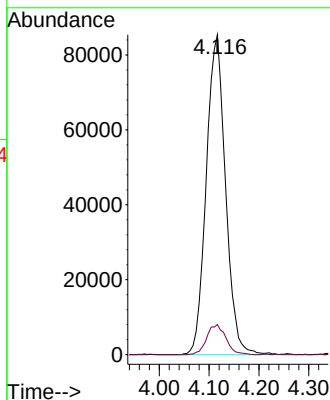
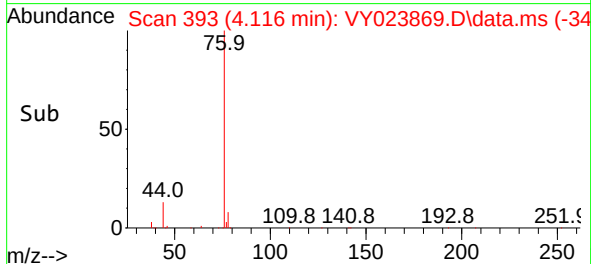
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



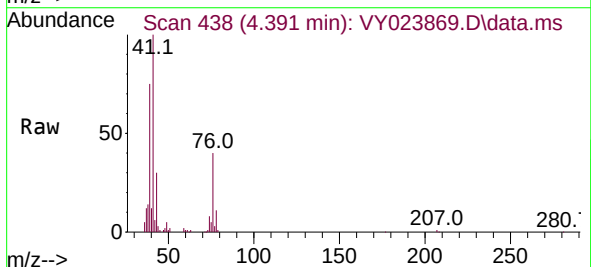
Tgt Ion: 76 Resp: 229579
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

Manual Integrations
APPROVED

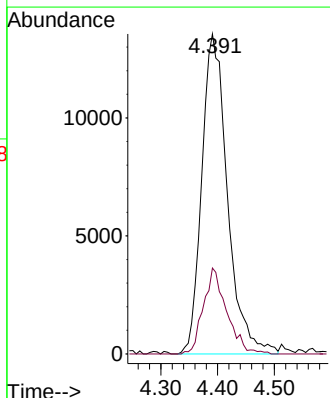
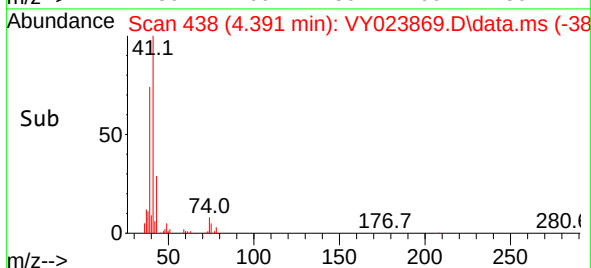
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

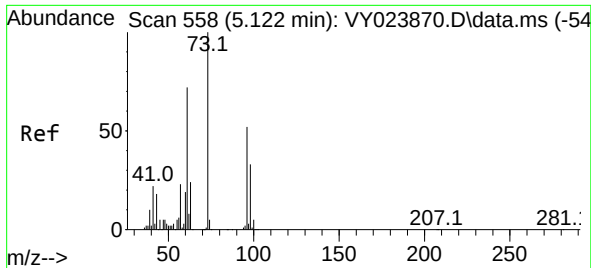


#18
Methyl Acetate
Concen: 16.008 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



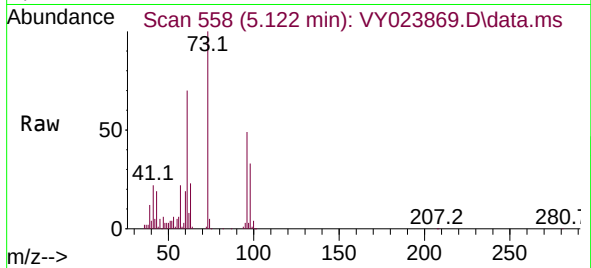
Tgt Ion: 43 Resp: 42615
Ion Ratio Lower Upper
43 100
74 24.4 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 16.993 ug/l
RT: 5.122 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

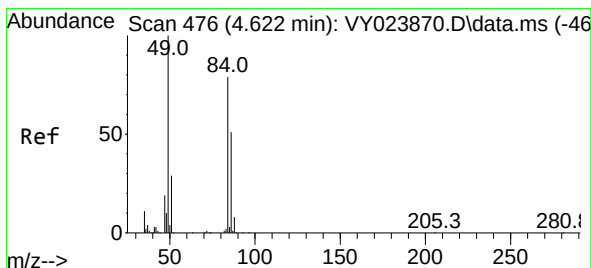
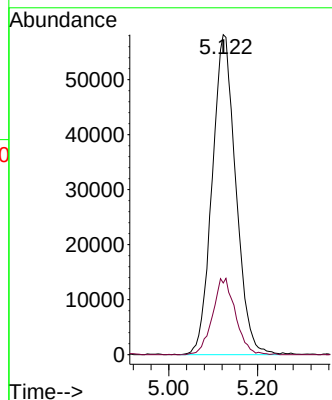
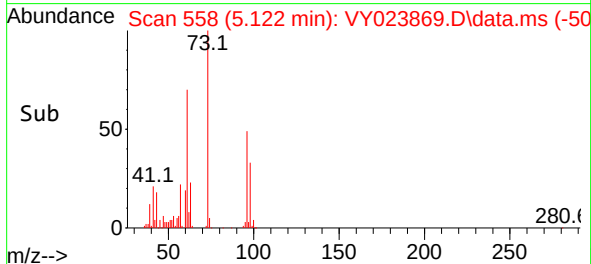
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



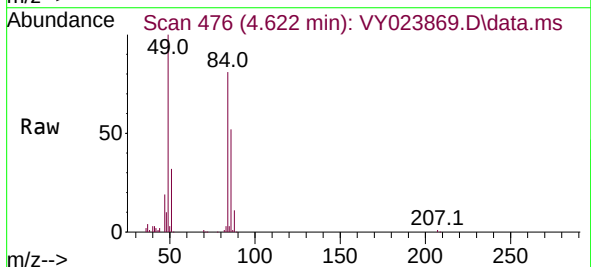
Tgt Ion: 73 Resp: 215306
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.2

Manual Integrations
APPROVED

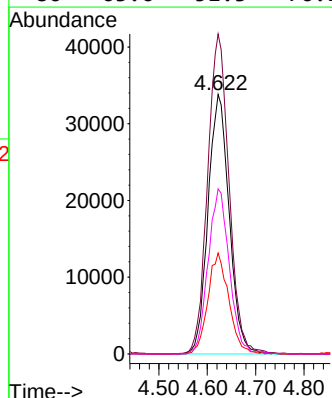
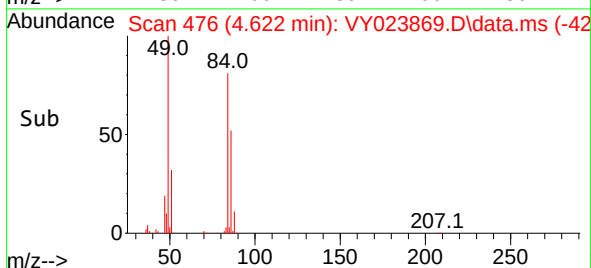
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

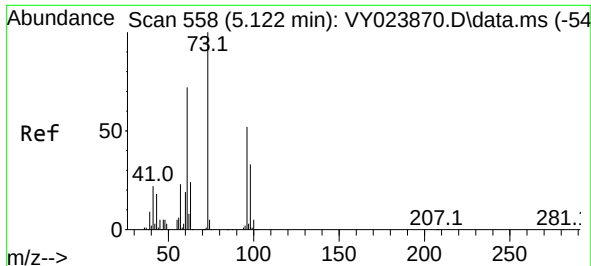


#20
Methylene Chloride
Concen: 16.939 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



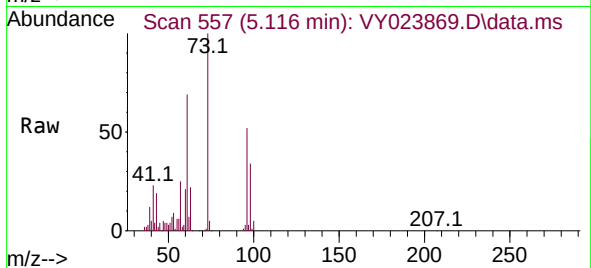
Tgt Ion: 84 Resp: 102741
Ion Ratio Lower Upper
84 100
49 123.3 100.6 151.0
51 38.9 29.0 43.6
86 63.6 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 16.694 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

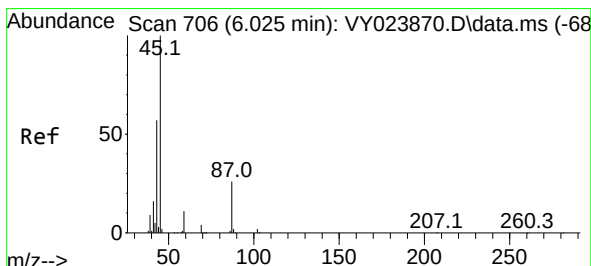
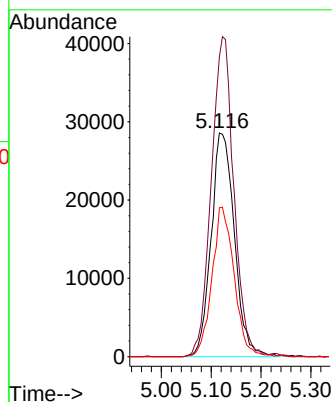
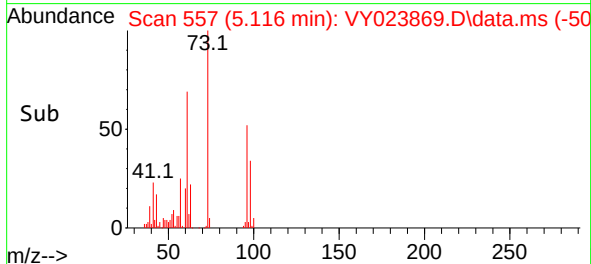
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



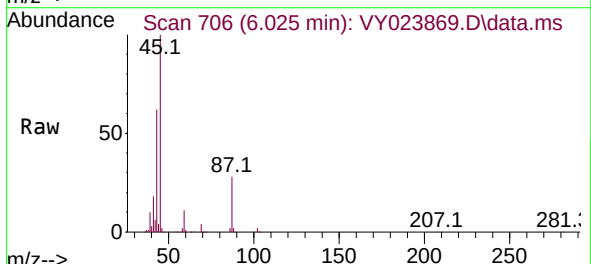
Tgt Ion: 96 Resp: 92900
Ion Ratio Lower Upper
96 100
61 134.1 111.7 167.5
98 66.6 51.5 77.3

Manual Integrations
APPROVED

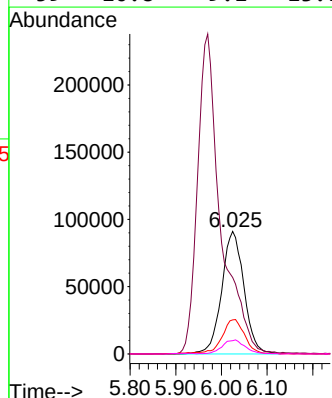
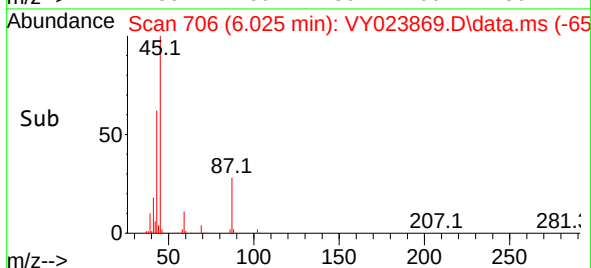
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

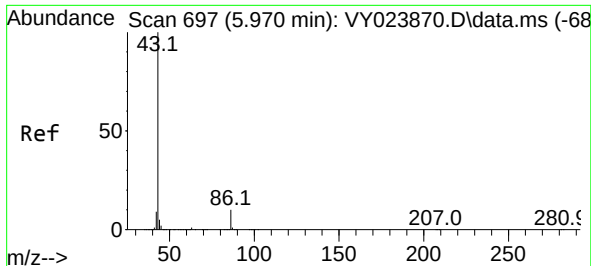


#22
Diisopropyl ether
Concen: 17.366 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



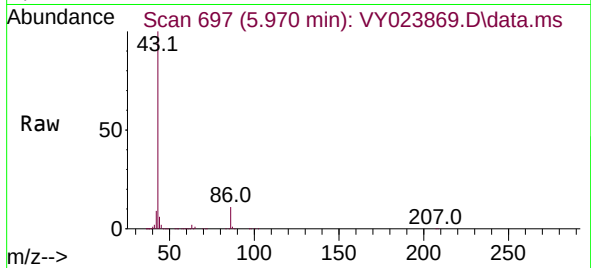
Tgt Ion: 45 Resp: 308343
Ion Ratio Lower Upper
45 100
43 61.6 45.5 68.3
87 27.8 20.7 31.1
59 10.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 85.008 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023869.D
 Acq: 03 Dec 2025 14:27

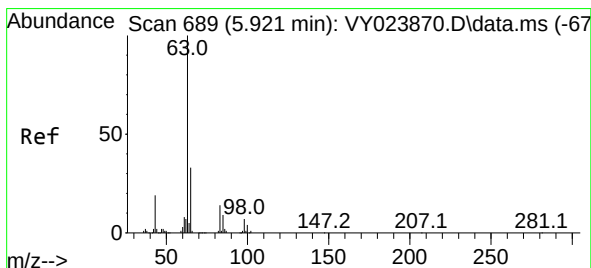
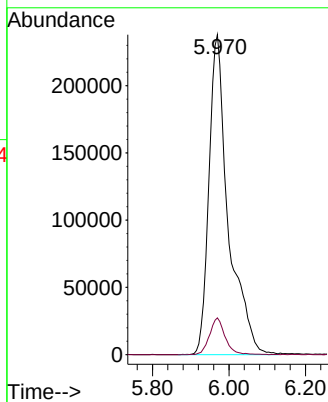
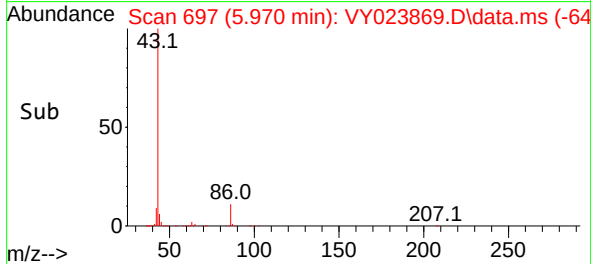
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



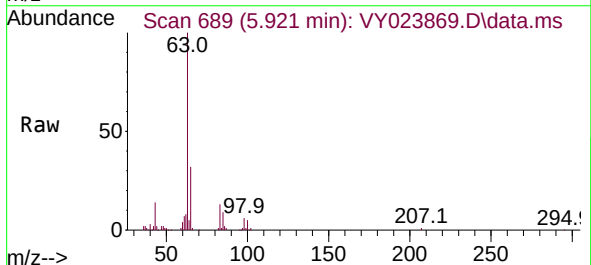
Tgt Ion: 43 Resp: 836679
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.2 12.4

Manual Integrations
 APPROVED

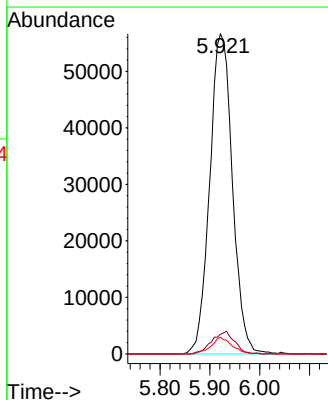
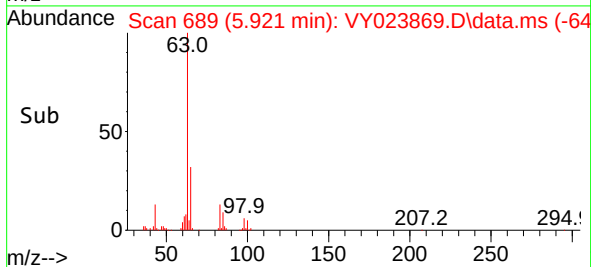
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

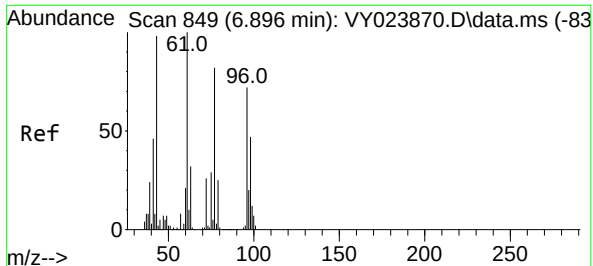


#24
 1,1-Dichloroethane
 Concen: 17.535 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023869.D
 Acq: 03 Dec 2025 14:27



Tgt Ion: 63 Resp: 179891
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 88.273 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 167012

Ion Ratio Lower Upper

43 100

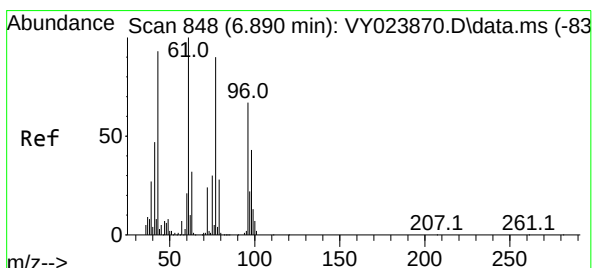
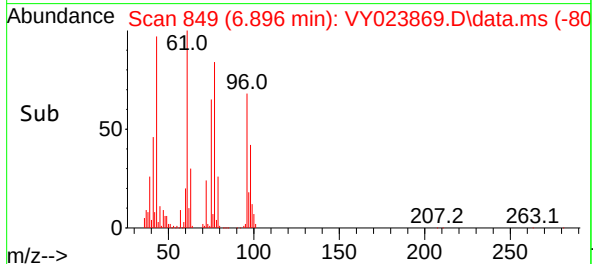
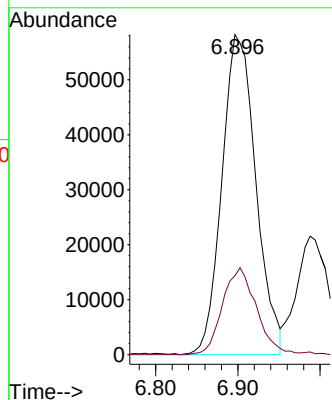
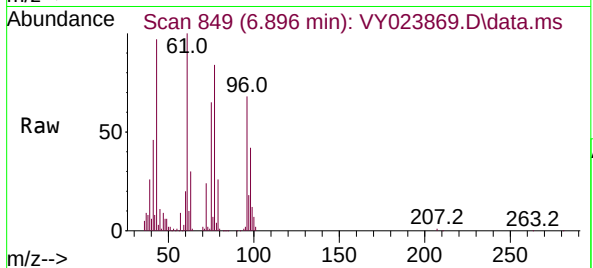
72 24.6 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#26

2,2-Dichloropropane

Concen: 17.355 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023869.D

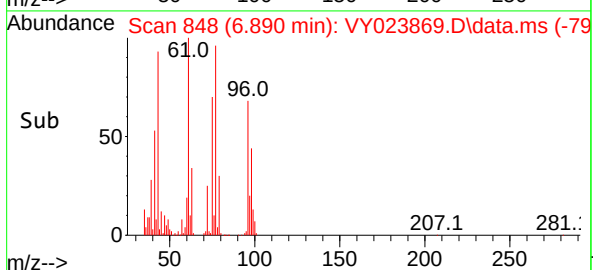
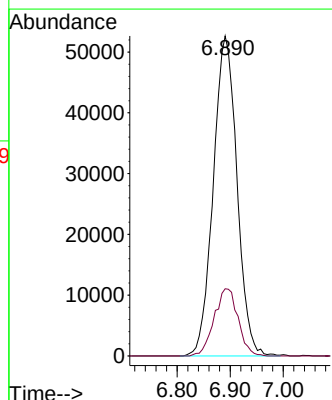
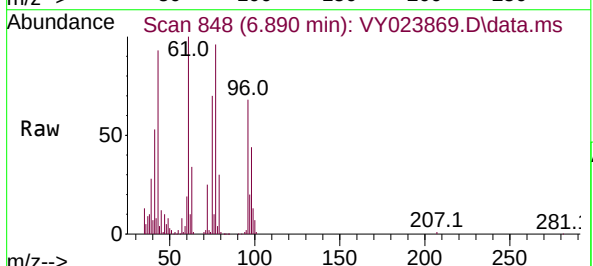
Acq: 03 Dec 2025 14:27

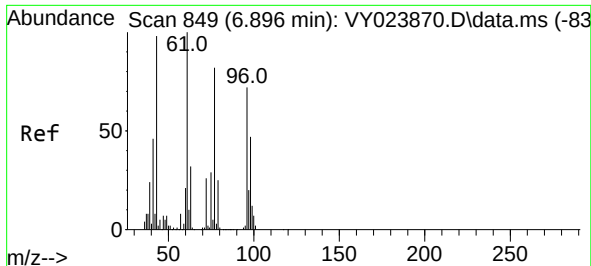
Tgt Ion: 77 Resp: 163185

Ion Ratio Lower Upper

77 100

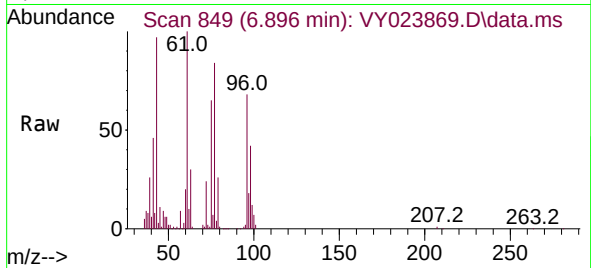
97 21.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.198 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY023869.D
 Acq: 03 Dec 2025 14:27

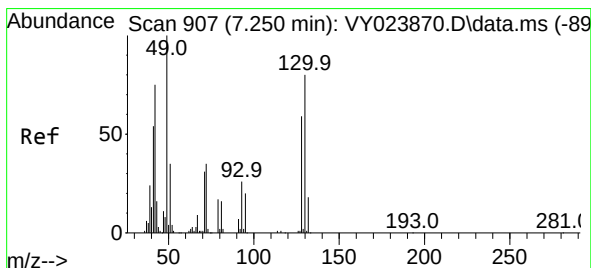
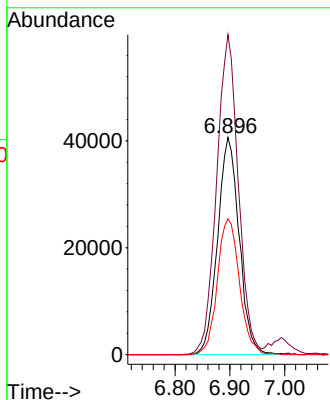
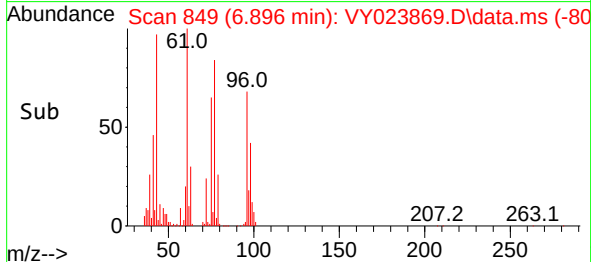
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



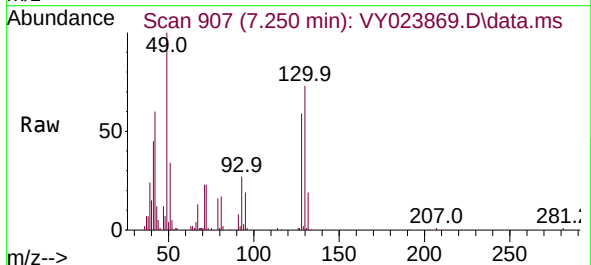
Tgt Ion: 96 Resp: 111129
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 292.8
 98 64.1 0.0 128.4

Manual Integrations
 APPROVED

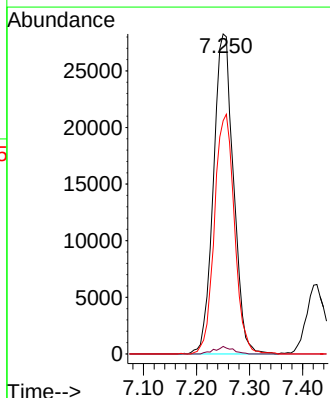
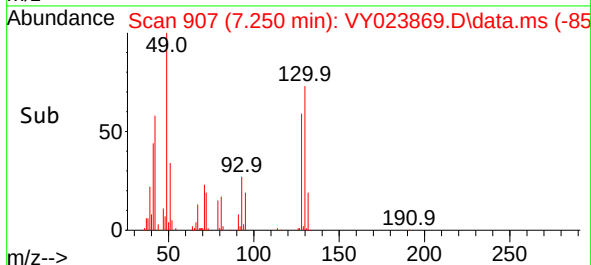
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

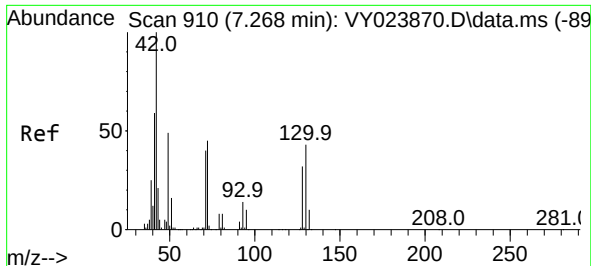


#28
 Bromochloromethane
 Concen: 18.939 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY023869.D
 Acq: 03 Dec 2025 14:27



Tgt Ion: 49 Resp: 74239
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.5 61.0 91.6





#29

Tetrahydrofuran

Concen: 82.630 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 8085

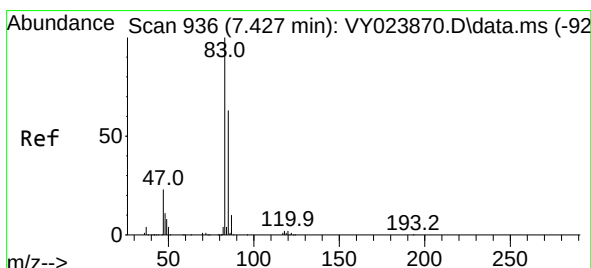
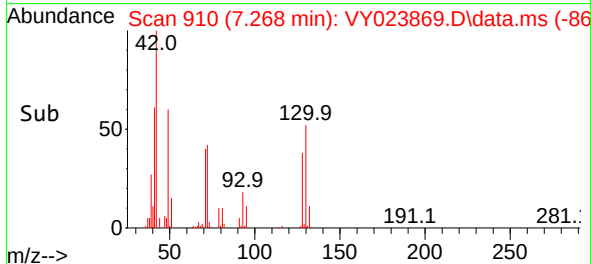
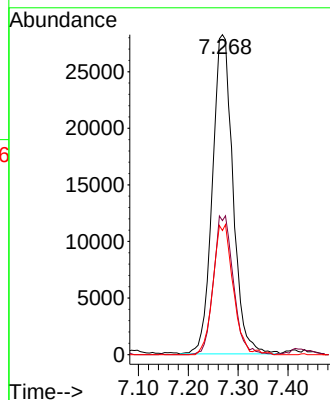
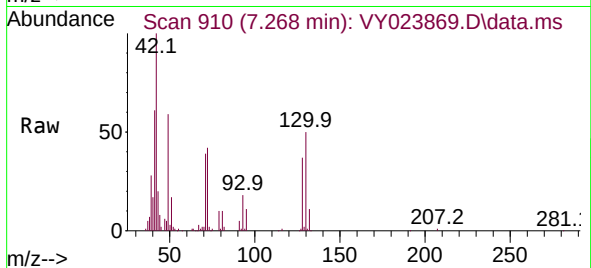
Ion	Ratio	Lower	Upper
42	100		
72	42.1	35.6	53.4
71	39.4	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 17.745 ug/l

RT: 7.427 min Scan# 936

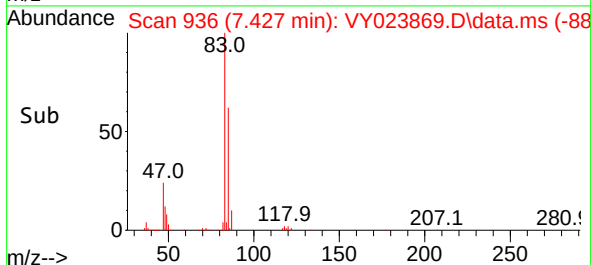
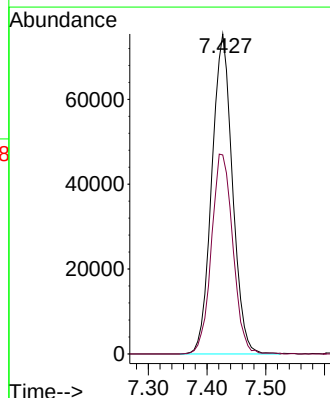
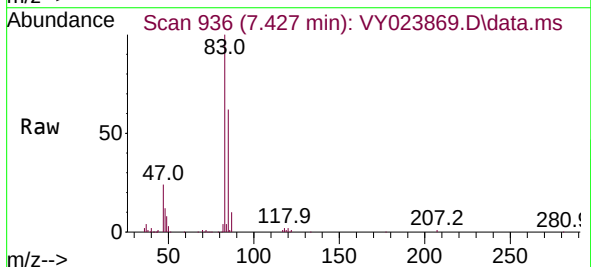
Delta R.T. -0.000 min

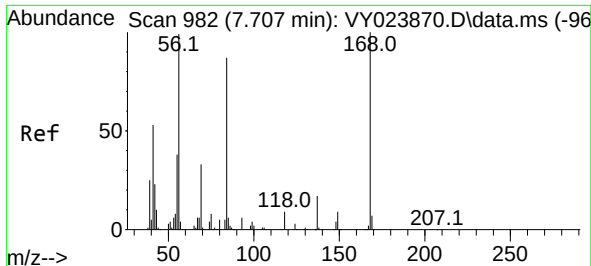
Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Tgt Ion: 83 Resp: 183955

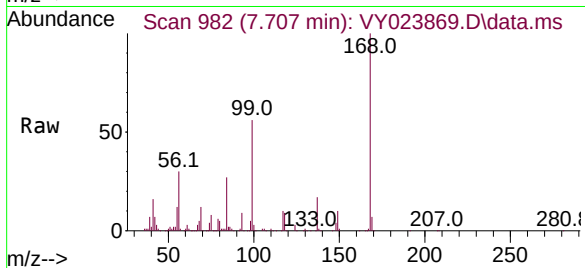
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.6	76.0





#31
Cyclohexane
Concen: 16.268 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

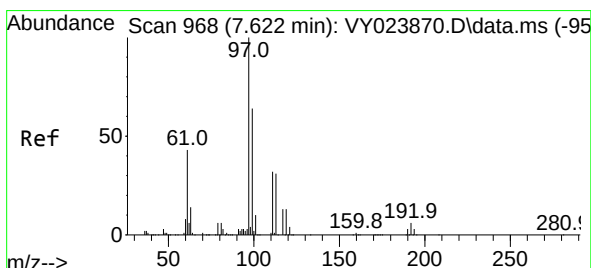
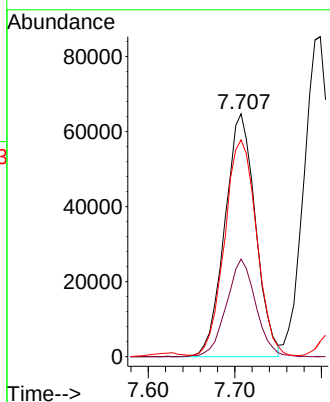
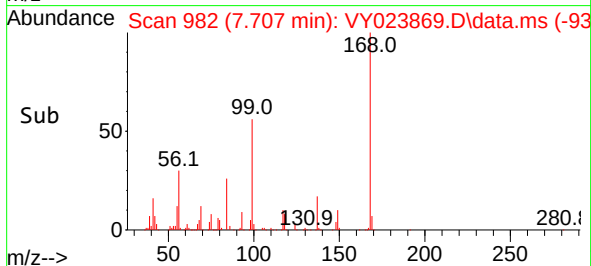
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



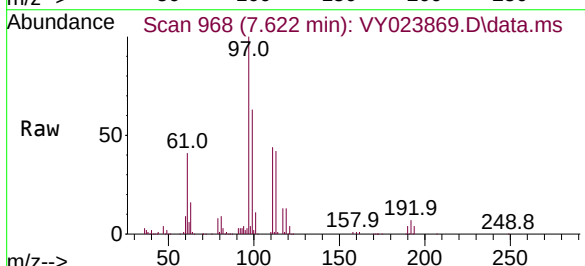
Tgt Ion: 56 Resp: 159573
Ion Ratio Lower Upper
56 100
69 40.1 26.8 40.2
84 88.3 70.4 105.6

Manual Integrations
APPROVED

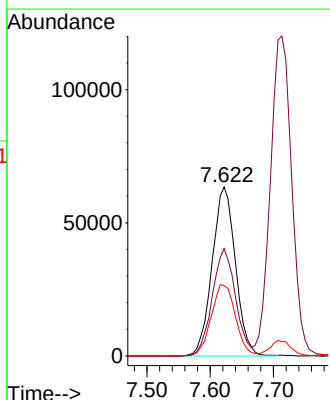
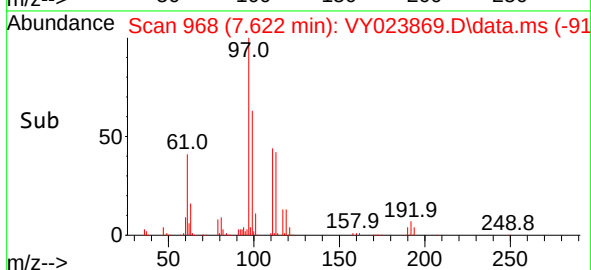
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

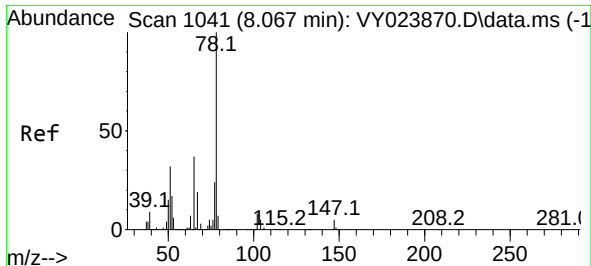


#32
1,1,1-Trichloroethane
Concen: 17.368 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion: 97 Resp: 162535
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 43.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 21.333 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 111731

Ion Ratio Lower Upper

65 100

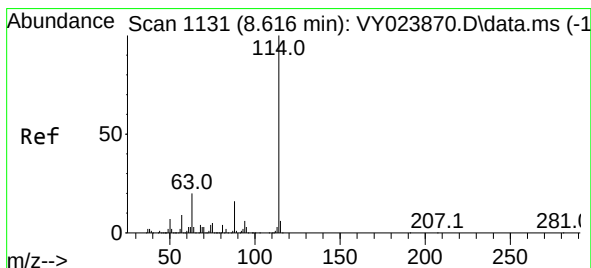
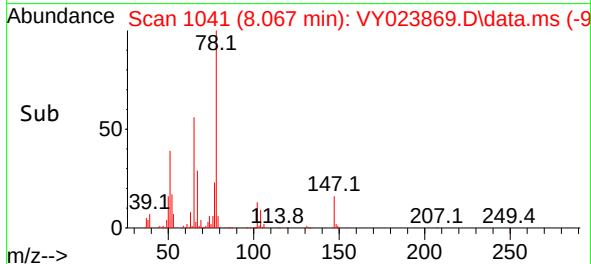
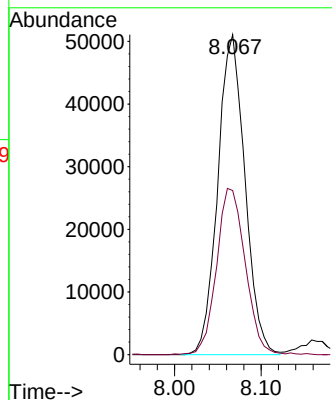
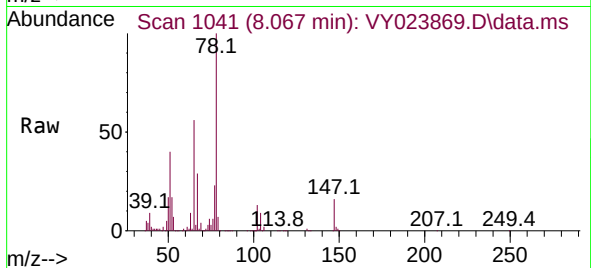
67 55.0 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

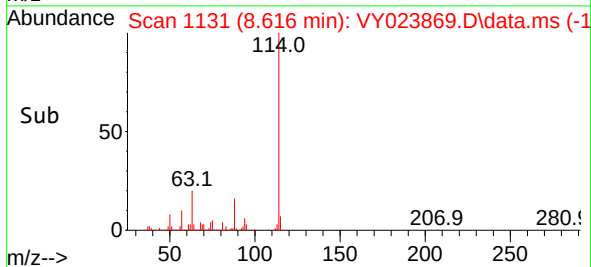
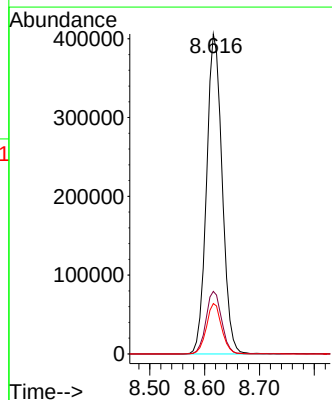
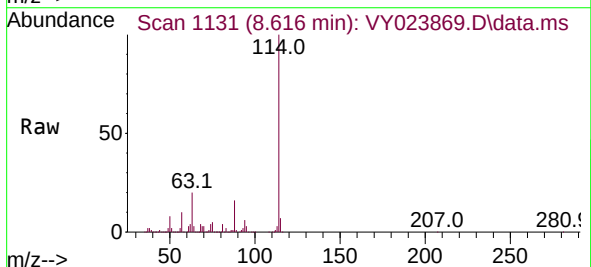
Tgt Ion:114 Resp: 802325

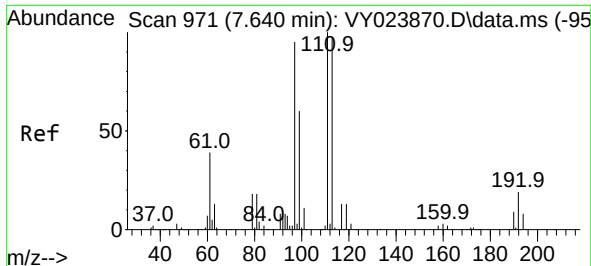
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

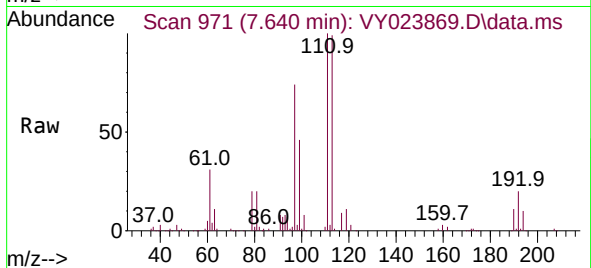
88 15.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 21.789 ug/l
RT: 7.640 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

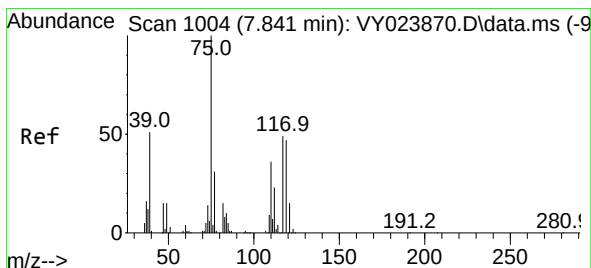
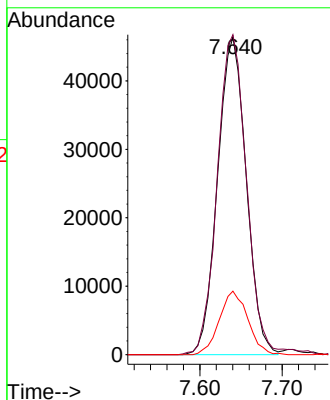
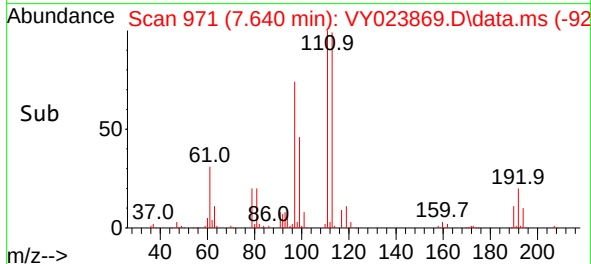
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



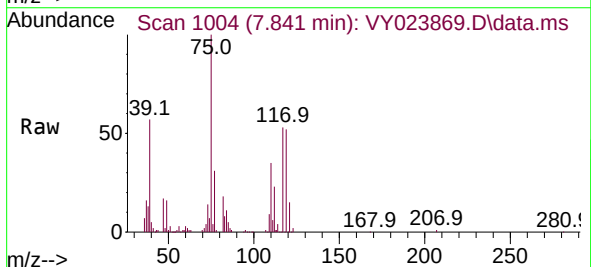
Tgt Ion: 113 Resp: 11212
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.9 15.8 23.8

Manual Integrations
APPROVED

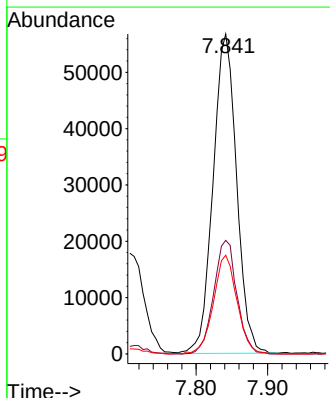
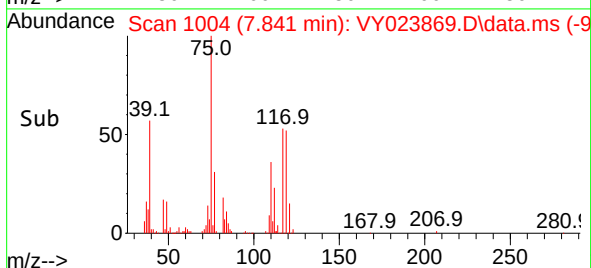
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

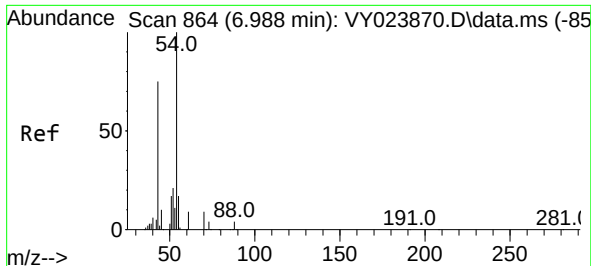


#36
1,1-Dichloropropene
Concen: 17.072 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion: 75 Resp: 129540
Ion Ratio Lower Upper
75 100
110 35.0 17.6 52.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 17.436 ug/l

RT: 6.988 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

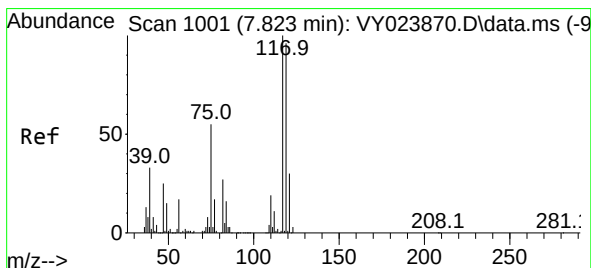
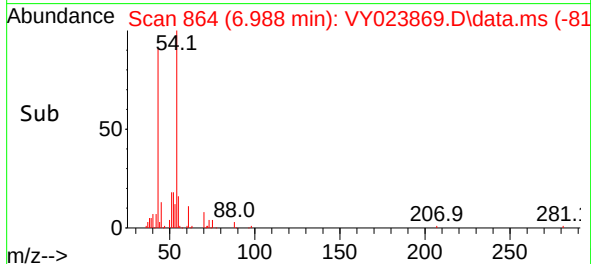
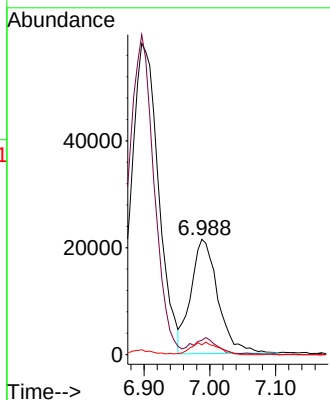
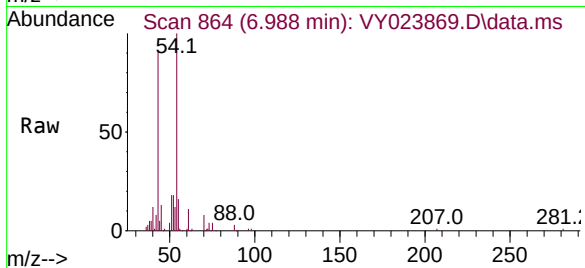
Tgt Ion:	43	Resp:	61092
Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.0	16.4
70	10.6	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 17.442 ug/l

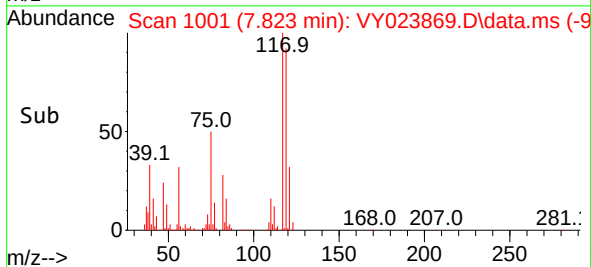
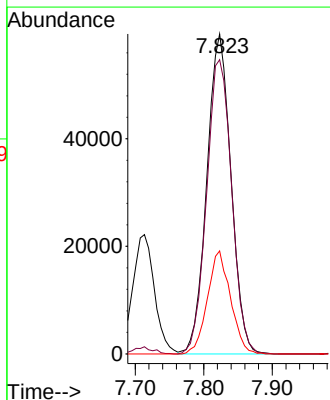
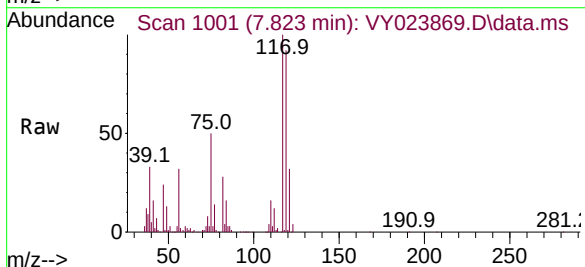
RT: 7.823 min Scan# 1001

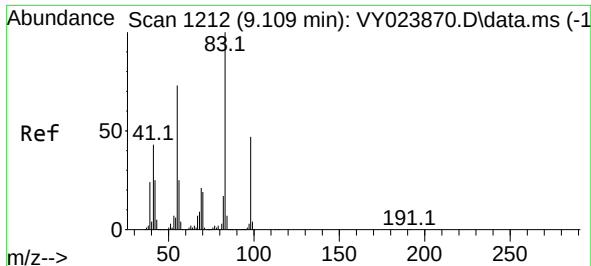
Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

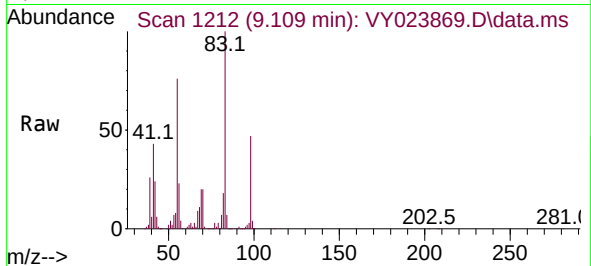
Tgt Ion:	117	Resp:	146066
Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.0	115.6
121	32.2	23.9	35.9





#39
Methylcyclohexane
Concen: 15.997 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

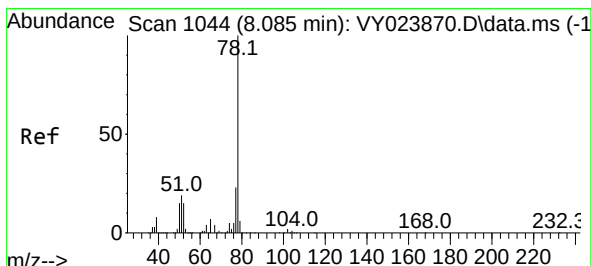
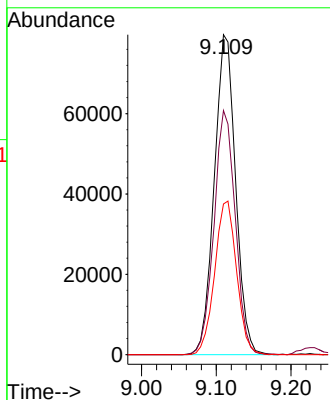
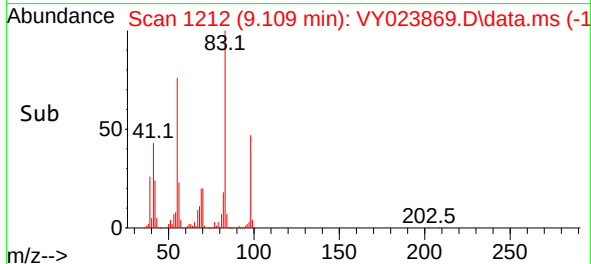
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



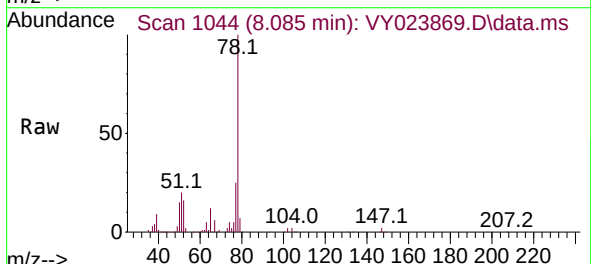
Tgt Ion: 83 Resp: 158002
Ion Ratio Lower Upper
83 100
55 76.3 58.8 88.2
98 47.1 37.8 56.6

Manual Integrations
APPROVED

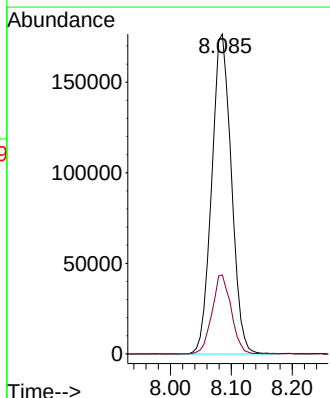
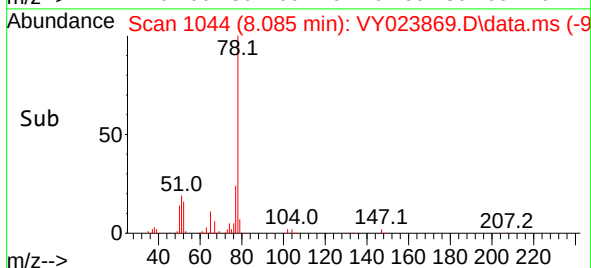
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

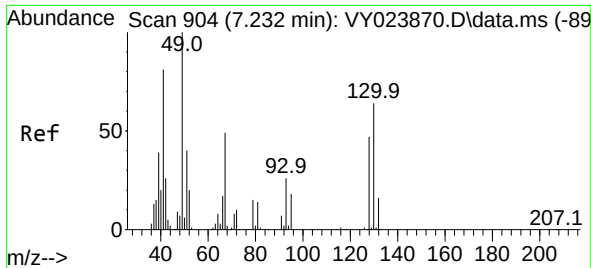


#40
Benzene
Concen: 17.274 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



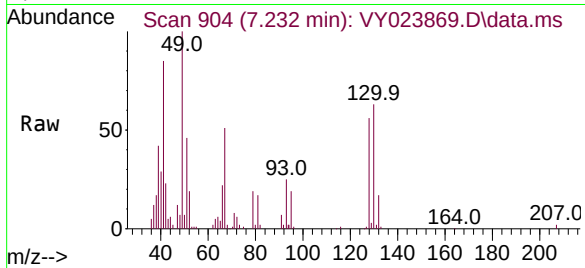
Tgt Ion: 78 Resp: 396185
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0





#41
Methacrylonitrile
Concen: 18.836 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

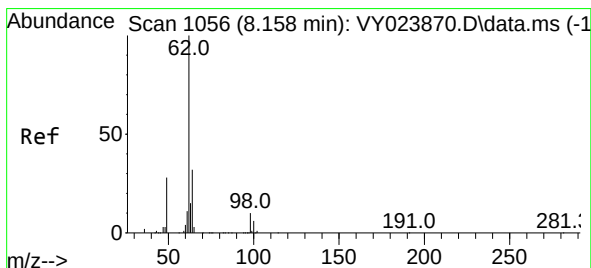
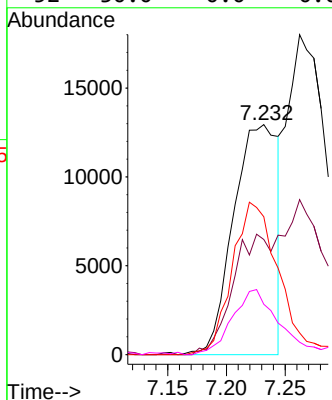
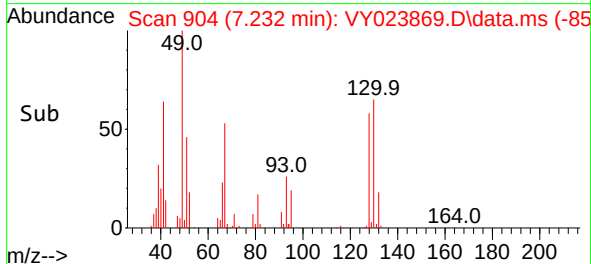
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



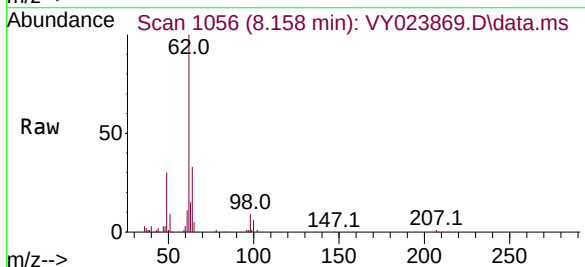
Tgt Ion: 41 Resp: 3402
Ion Ratio Lower Upper
41 100
39 44.8 49.4 74.2
67 69.9 0.0 0.0
52 30.0 0.0 0.0

Manual Integrations
APPROVED

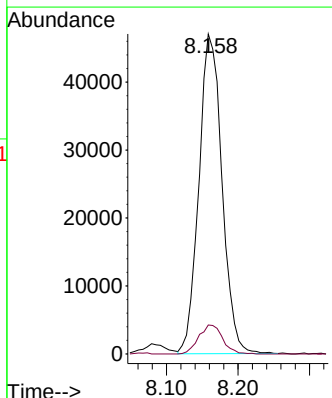
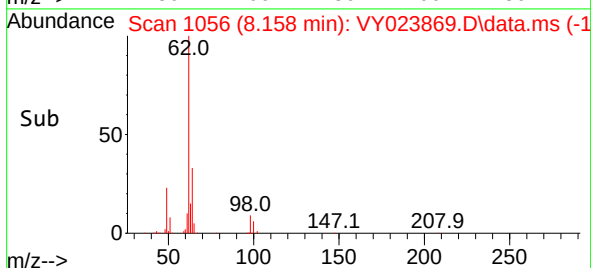
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

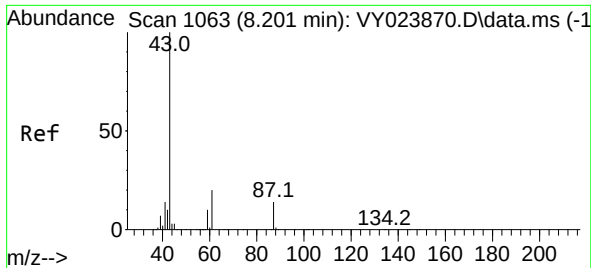


#42
1,2-Dichloroethane
Concen: 17.634 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



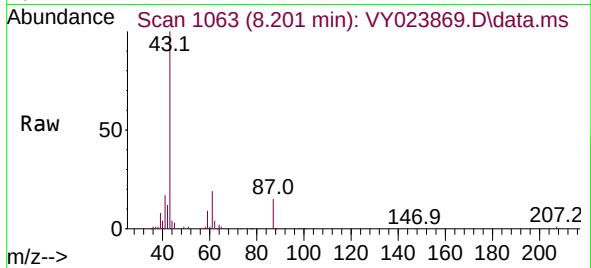
Tgt Ion: 62 Resp: 105539
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 16.967 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

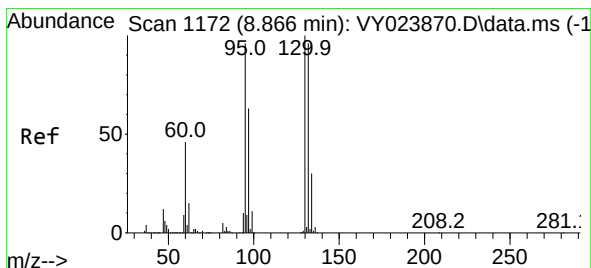
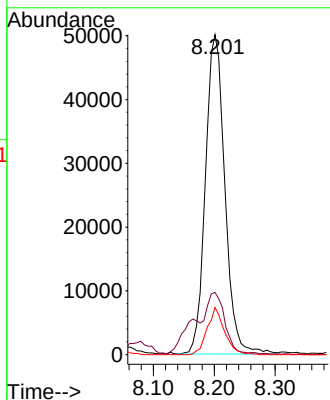
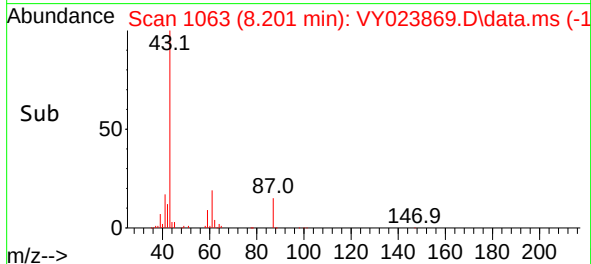
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 111228
Ion Ratio Lower Upper
43 100
61 19.3 24.2 36.4
87 13.1 11.0 16.4

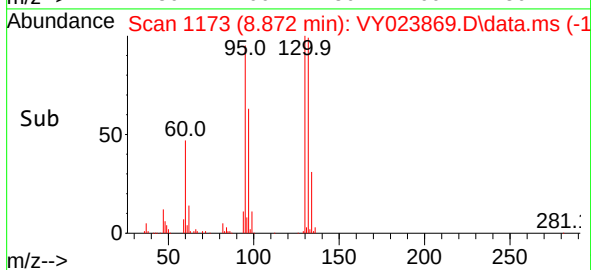
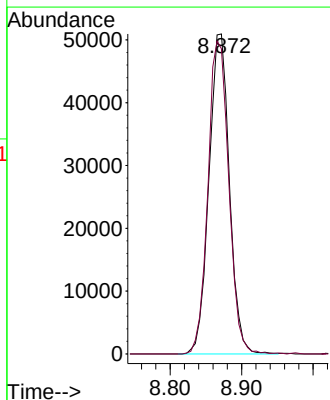
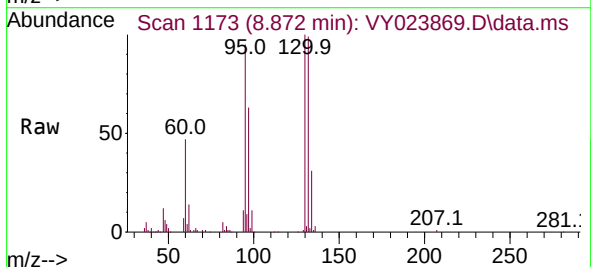
Manual Integrations
APPROVED

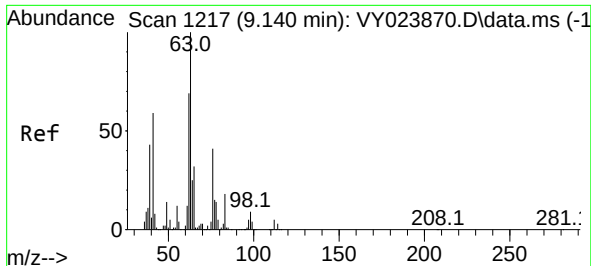
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 17.142 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

Tgt Ion:130 Resp: 101162
Ion Ratio Lower Upper
130 100
95 95.4 0.0 192.4





#45

1,2-Dichloropropane

Concen: 17.454 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 94784

Ion Ratio Lower Upper

63 100

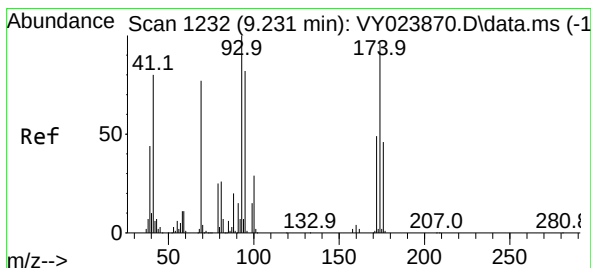
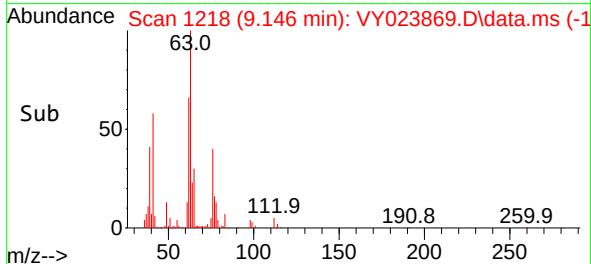
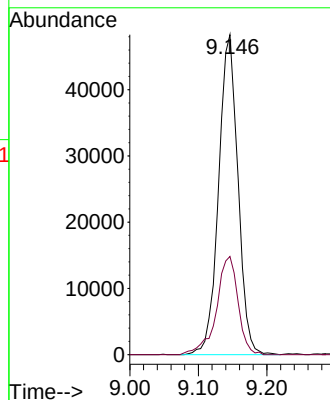
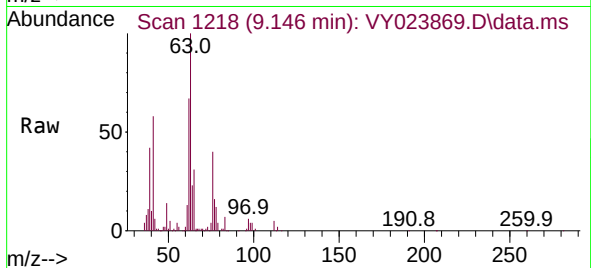
65 30.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 17.280 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

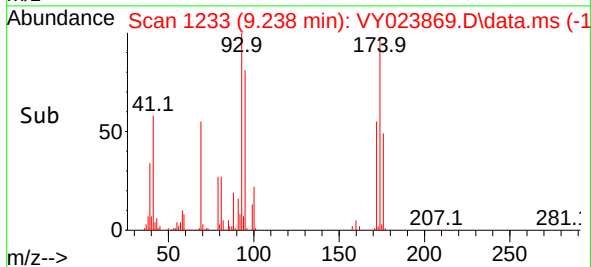
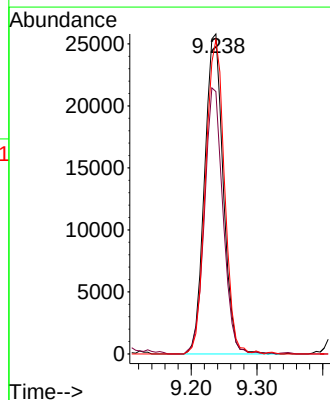
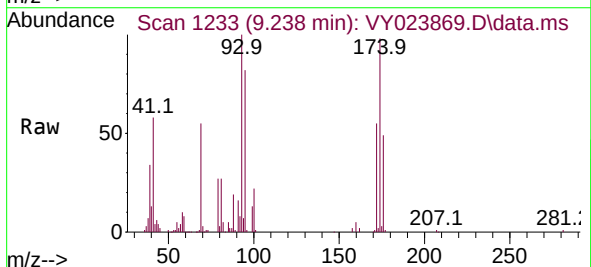
Tgt Ion: 93 Resp: 50804

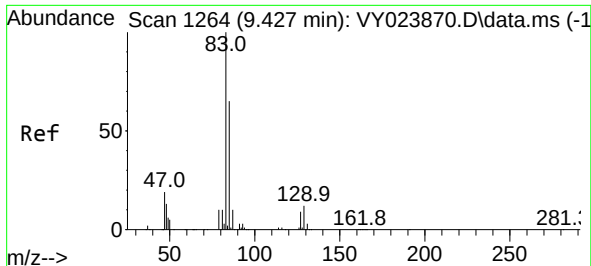
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

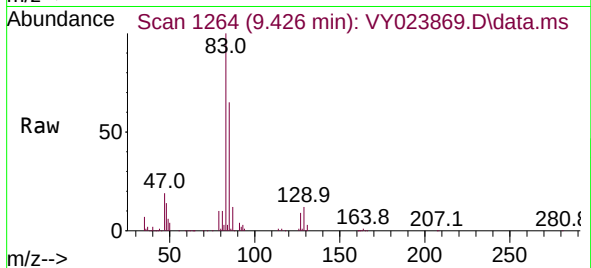
174 99.2 81.4 122.0





#47
Bromodichloromethane
Concen: 17.510 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

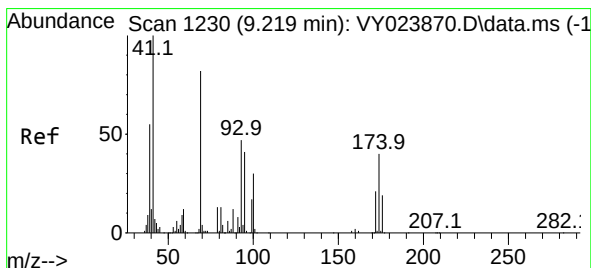
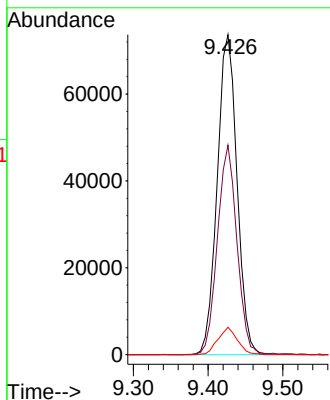
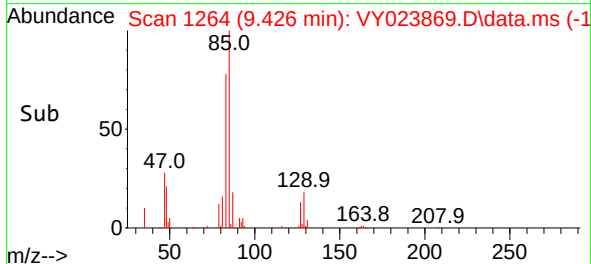
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



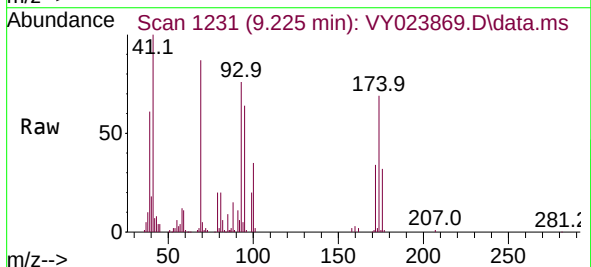
Tgt Ion: 83 Resp: 135816
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4
127 8.5 7.2 10.8

Manual Integrations
APPROVED

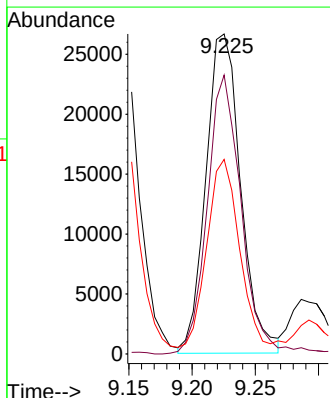
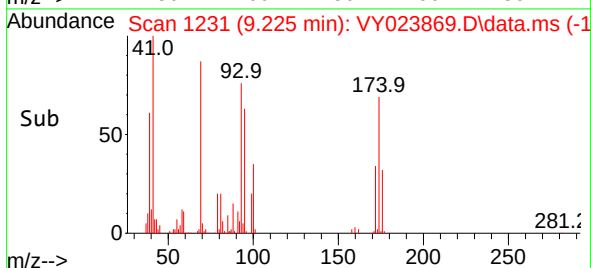
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

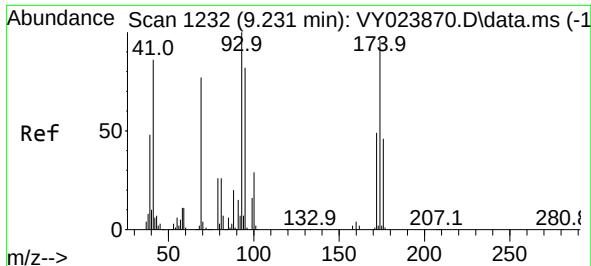


#48
Methyl methacrylate
Concen: 16.687 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion: 41 Resp: 51106
Ion Ratio Lower Upper
41 100
69 85.5 67.7 101.5
39 54.9 43.4 65.0





#49

1,4-Dioxane

Concen: 323.248 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1056

Ion Ratio Lower Upper

88 100

43 37.3 26.8 40.2

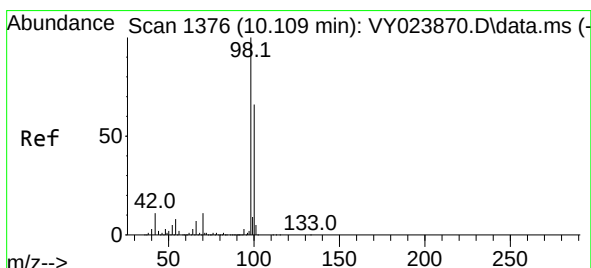
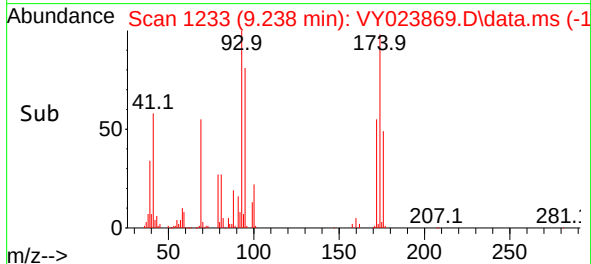
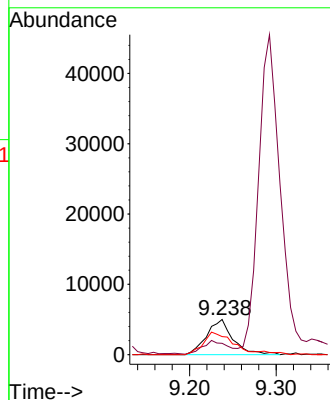
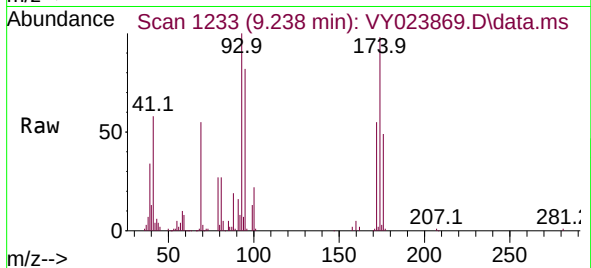
58 69.4 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 21.707 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023869.D

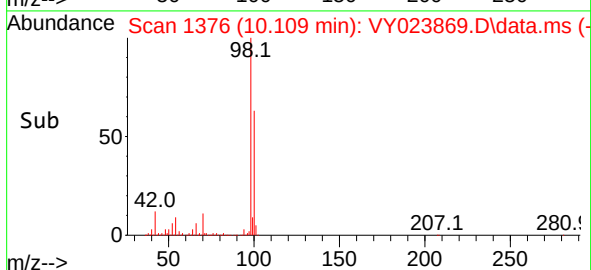
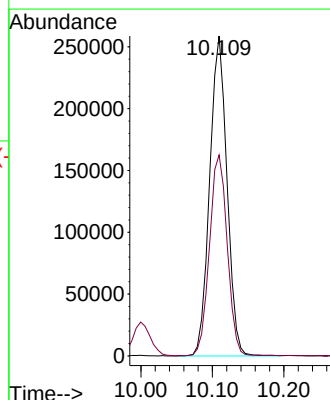
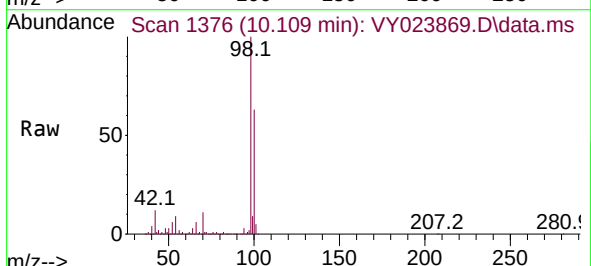
Acq: 03 Dec 2025 14:27

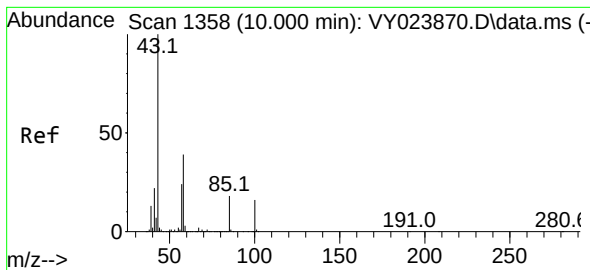
Tgt Ion: 98 Resp: 434670

Ion Ratio Lower Upper

98 100

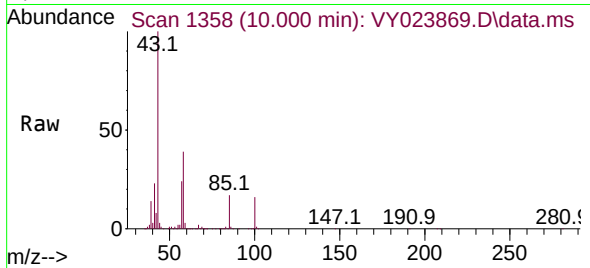
100 64.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 85.665 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

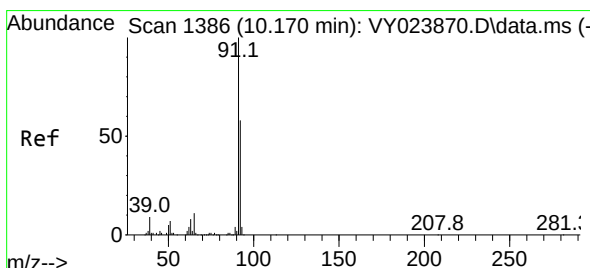
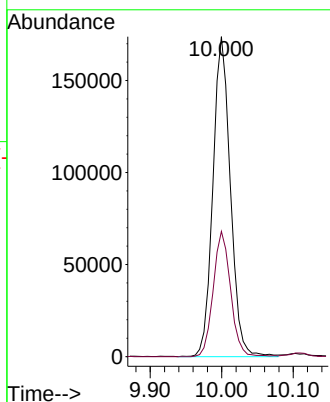
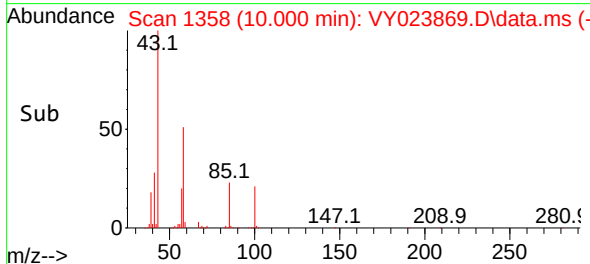
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



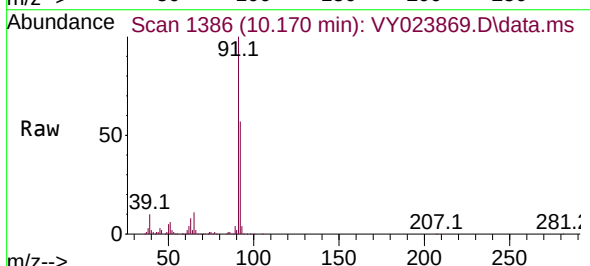
Tgt Ion: 43 Resp: 295304
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.8

Manual Integrations
APPROVED

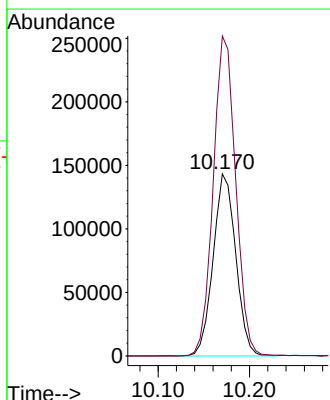
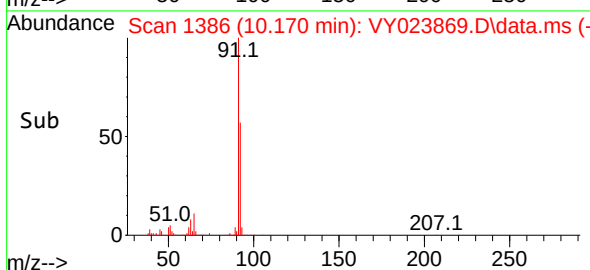
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

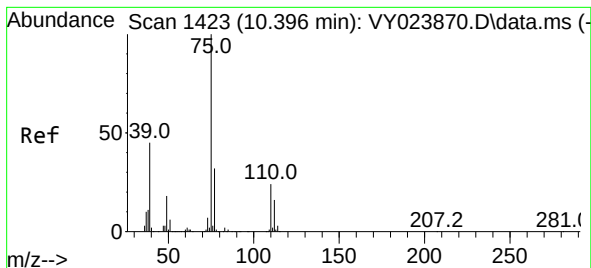


#52
Toluene
Concen: 17.099 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



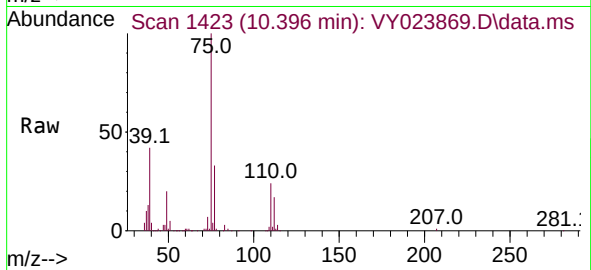
Tgt Ion: 92 Resp: 245582
Ion Ratio Lower Upper
92 100
91 175.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 17.254 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

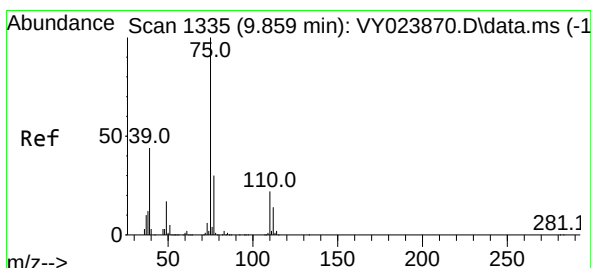
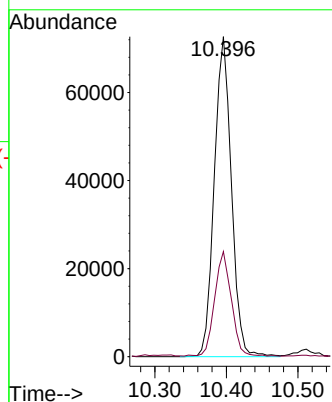
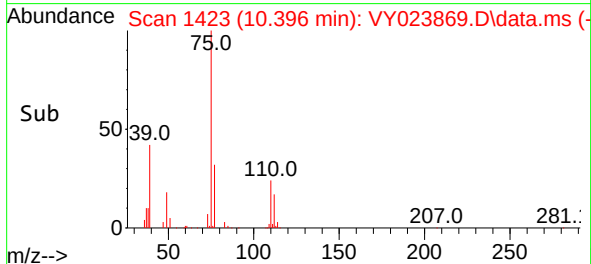
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 12078
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0

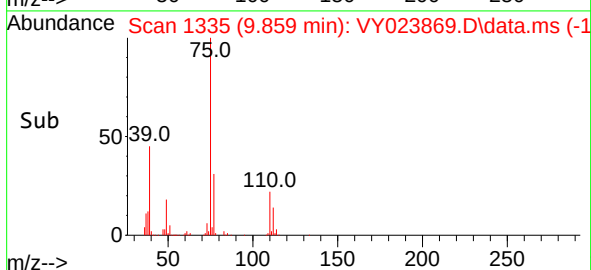
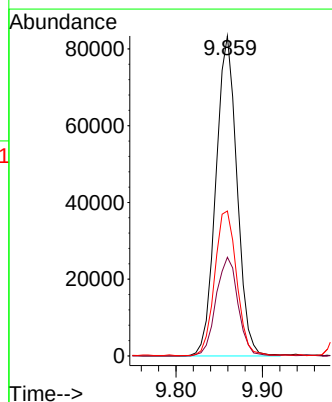
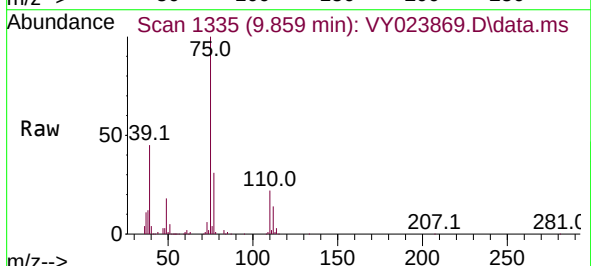
Manual Integrations
APPROVED

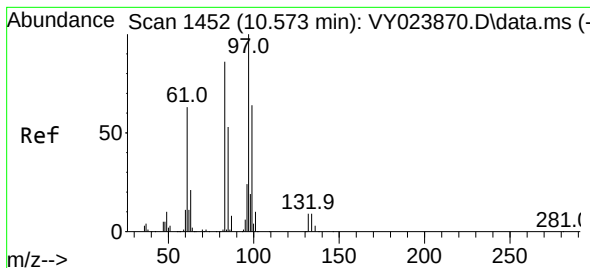
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 17.148 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

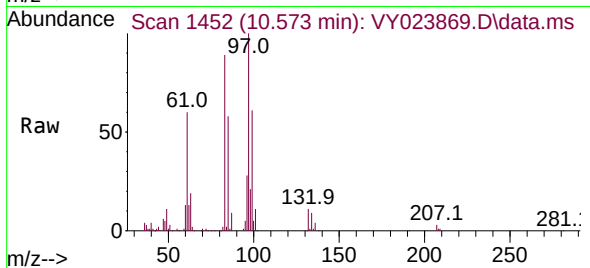
Tgt Ion: 75 Resp: 141367
Ion Ratio Lower Upper
75 100
77 30.8 23.8 35.6
39 45.2 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 17.343 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

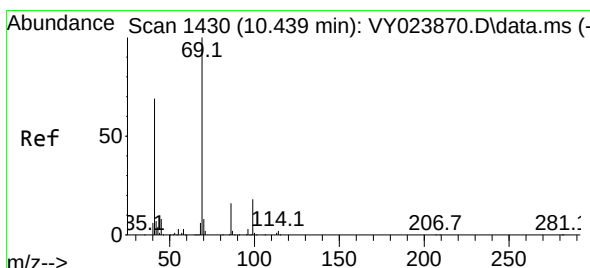
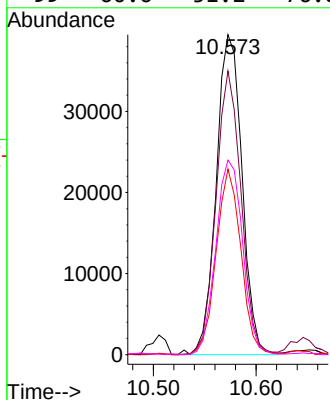
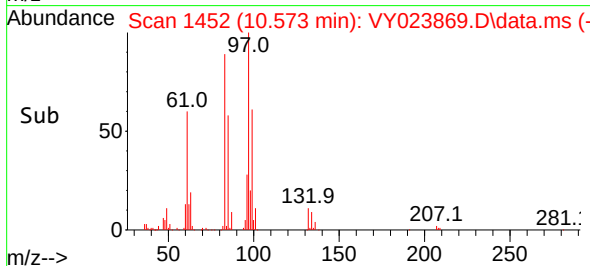
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



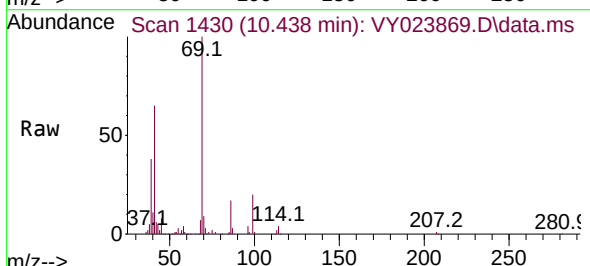
Tgt Ion: 97 Resp: 68830
Ion Ratio Lower Upper
97 100
83 88.6 69.0 103.4
85 58.0 42.6 63.8
99 60.6 51.2 76.8

Manual Integrations
APPROVED

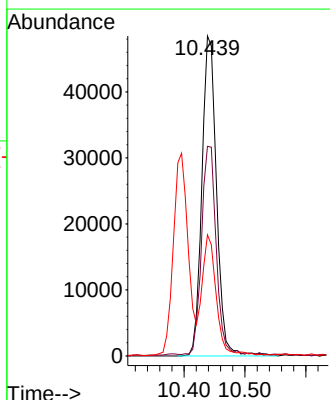
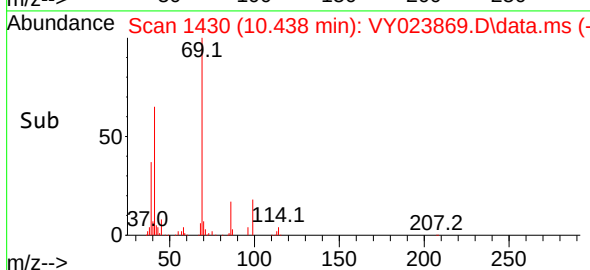
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

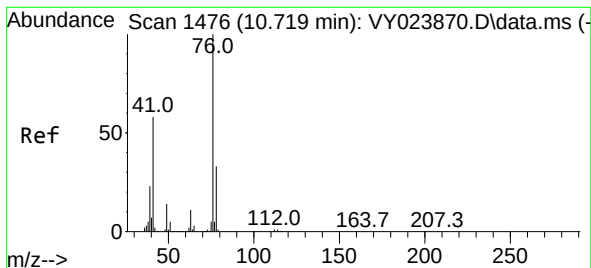


#56
Ethyl methacrylate
Concen: 16.945 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



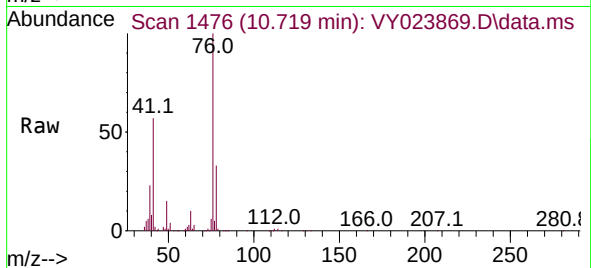
Tgt Ion: 69 Resp: 80835
Ion Ratio Lower Upper
69 100
41 64.7 52.5 78.7
39 35.3 27.1 40.7





#57
1,3-Dichloropropane
Concen: 17.202 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

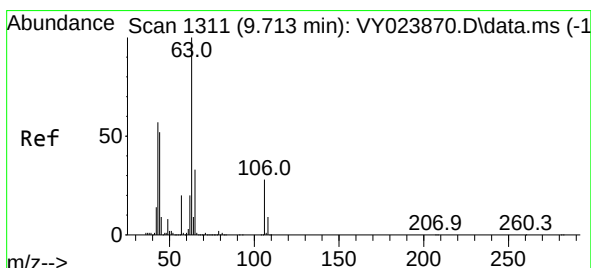
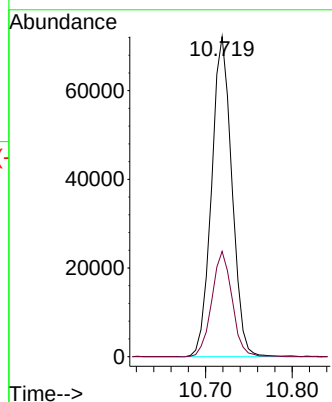
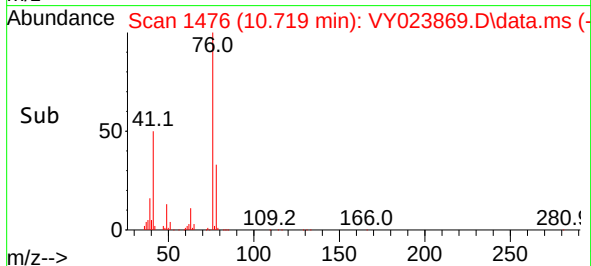
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 117588
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

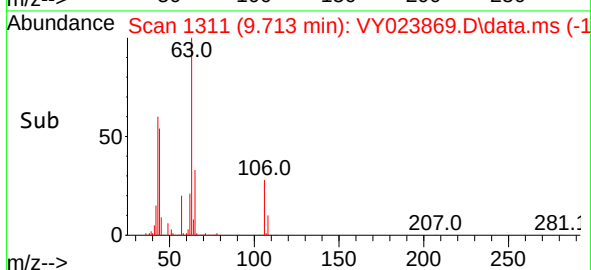
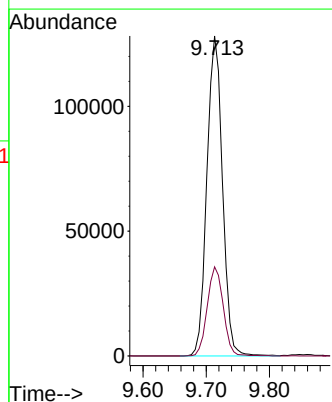
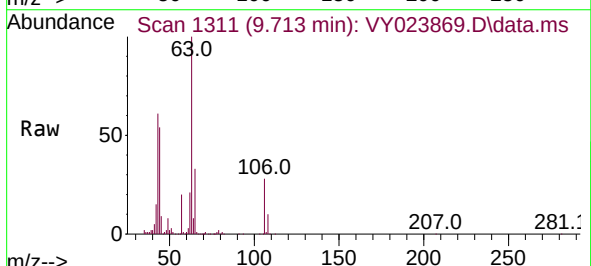
Manual Integrations
APPROVED

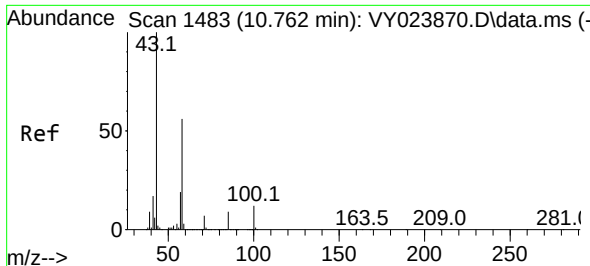
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.463 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

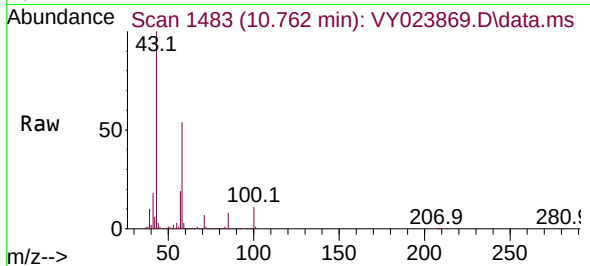
Tgt Ion: 63 Resp: 218831
Ion Ratio Lower Upper
63 100
106 28.5 22.5 33.7





#59
2-Hexanone
Concen: 89.230 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

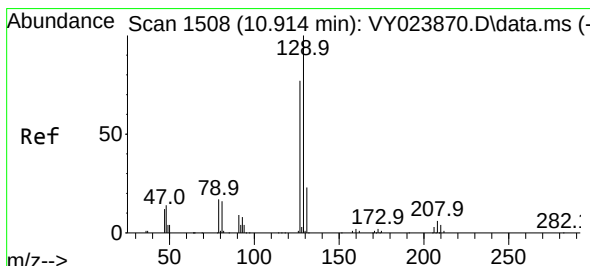
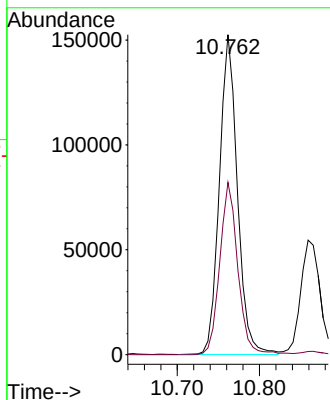
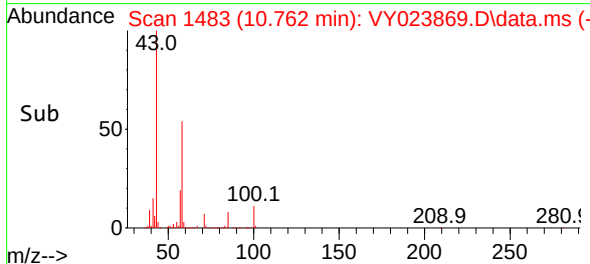
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



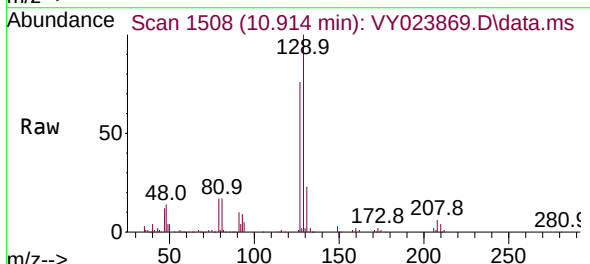
Tgt Ion: 43 Resp: 23198
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

Manual Integrations
APPROVED

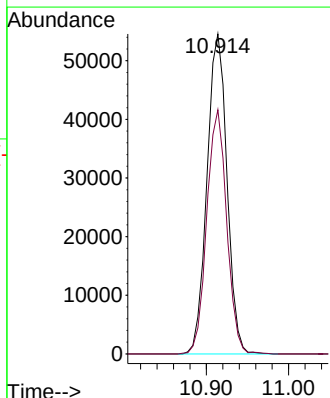
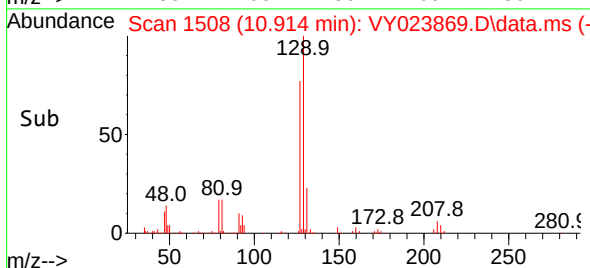
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

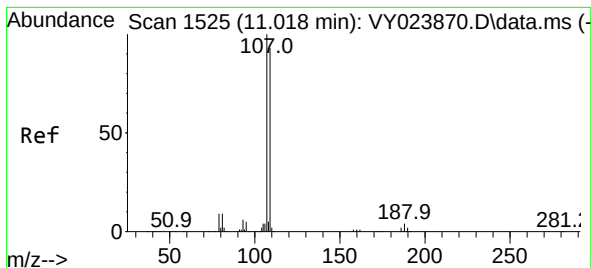


#60
Dibromochloromethane
Concen: 17.301 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



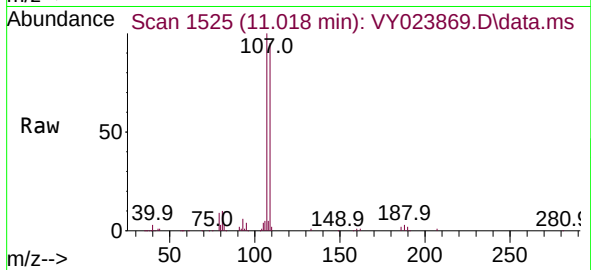
Tgt Ion:129 Resp: 92070
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.0





#61
1,2-Dibromoethane
Concen: 17.160 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

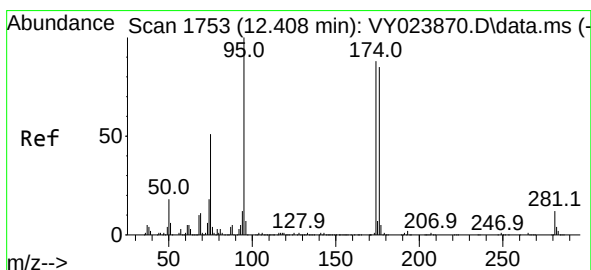
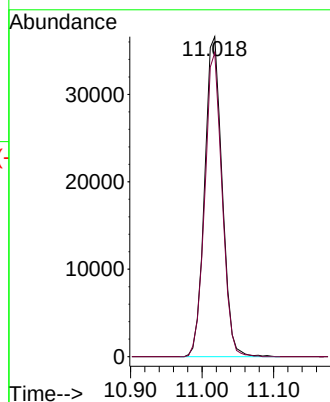
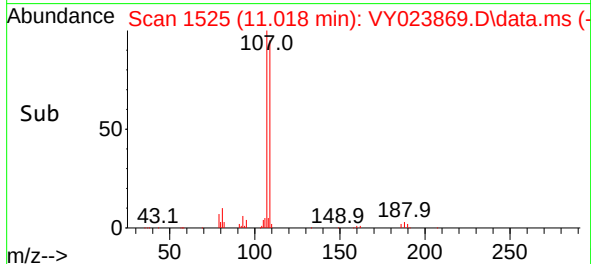
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



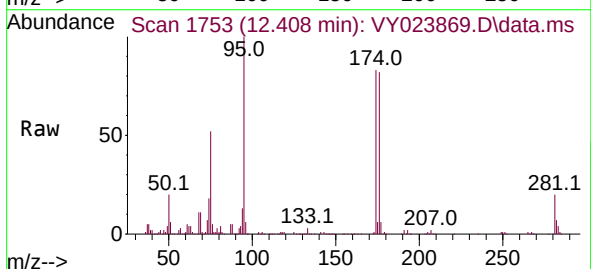
Tgt Ion:107 Resp: 62065
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0

Manual Integrations
APPROVED

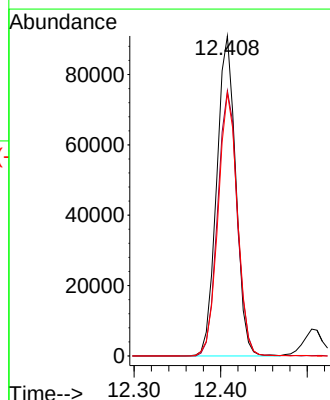
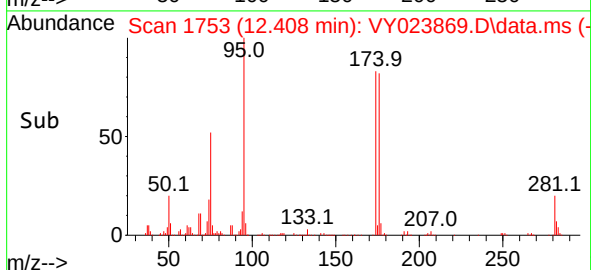
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

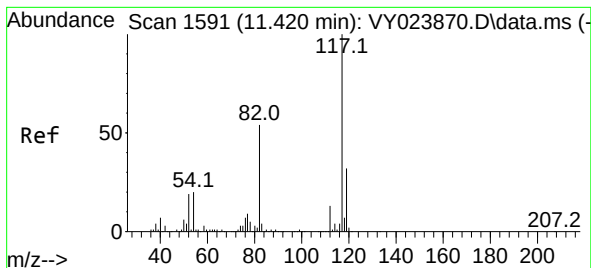


#62
4-Bromofluorobenzene
Concen: 20.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



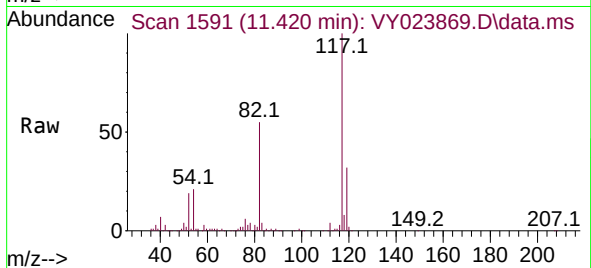
Tgt Ion: 95 Resp: 139144
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.6
176 83.2 0.0 164.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

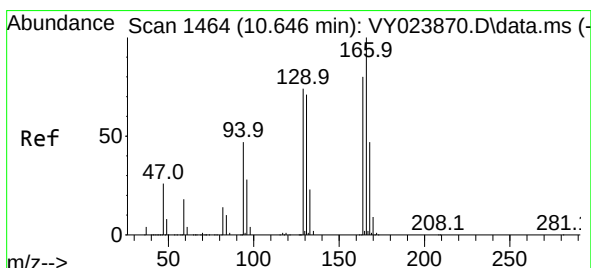
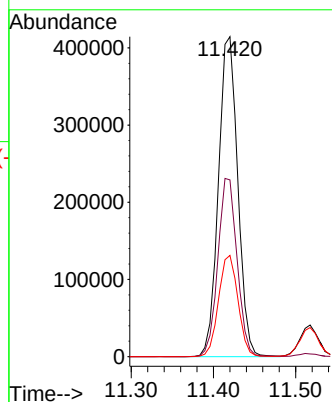
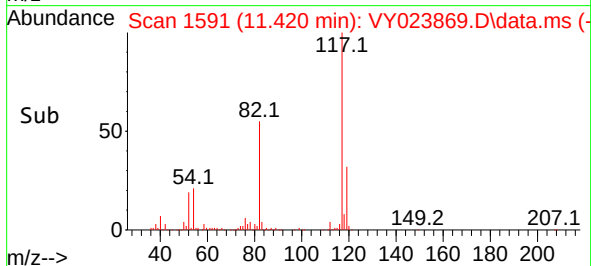
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



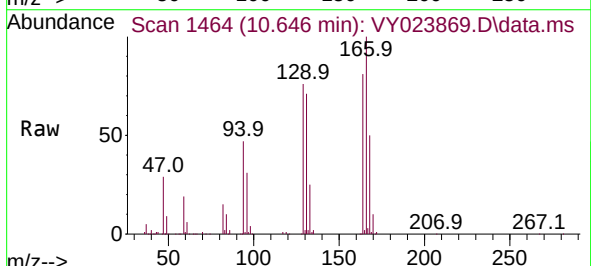
Tgt Ion:117 Resp: 676124
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 31.6 26.0 39.0

Manual Integrations
APPROVED

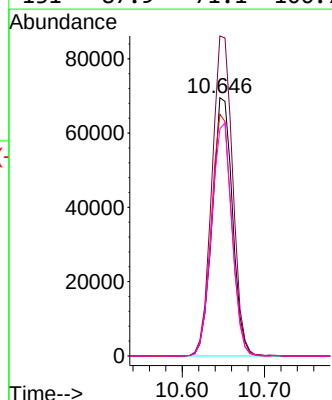
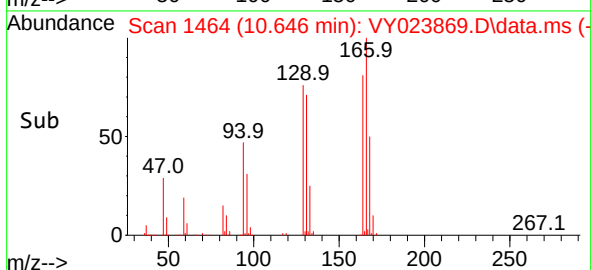
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

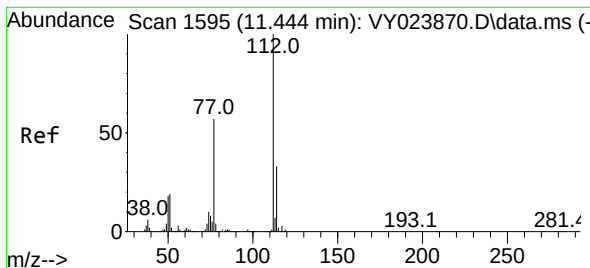


#64
Tetrachloroethene
Concen: 17.917 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



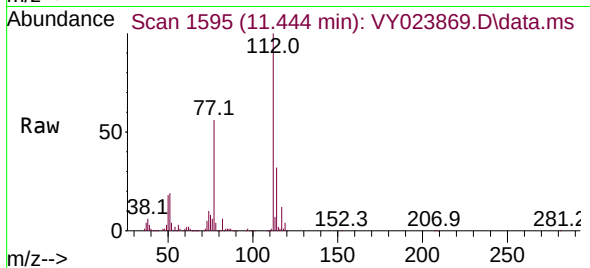
Tgt Ion:164 Resp: 118551
Ion Ratio Lower Upper
164 100
166 124.0 100.2 150.4
129 93.7 74.4 111.6
131 87.9 71.1 106.7





#65
Chlorobenzene
Concen: 17.772 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

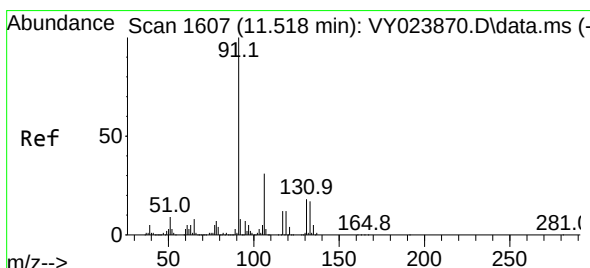
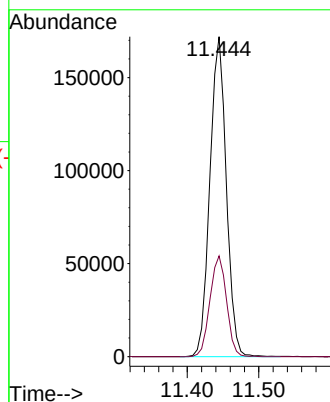
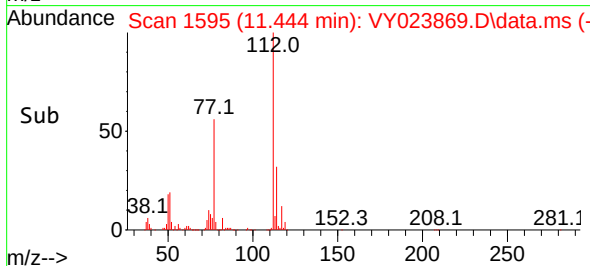
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



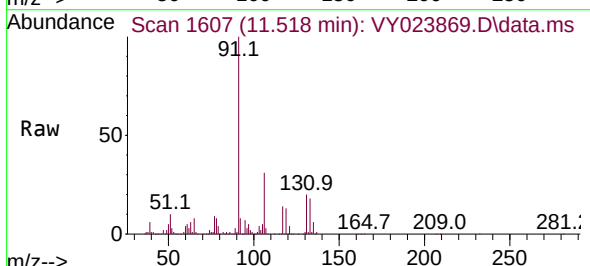
Tgt Ion:112 Resp: 274266
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

Manual Integrations
APPROVED

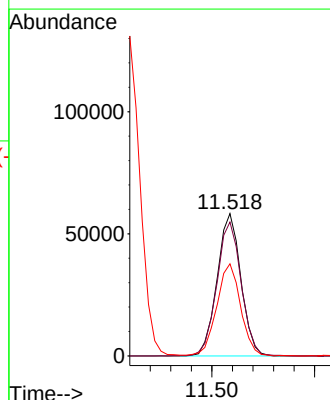
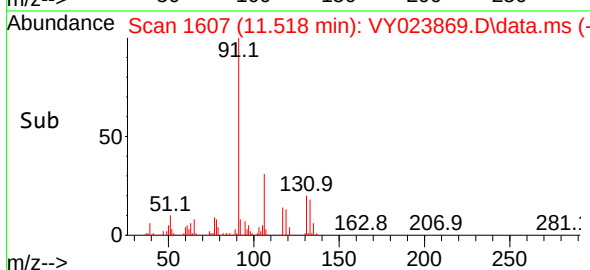
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

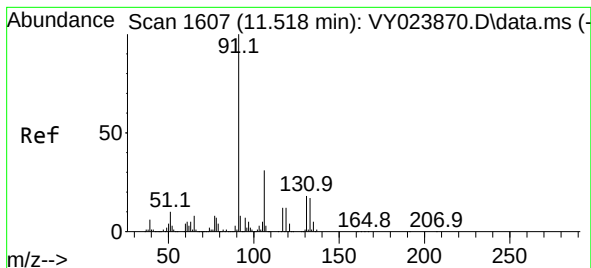


#66
1,1,1,2-Tetrachloroethane
Concen: 17.744 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



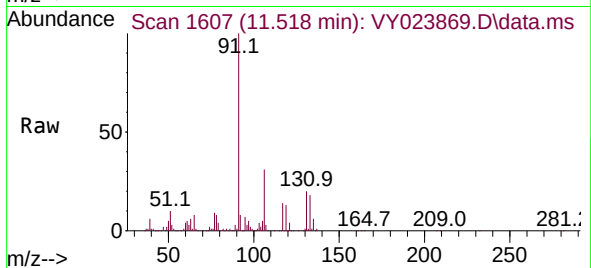
Tgt Ion:131 Resp: 93428
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 65.3 32.5 97.4





#67
Ethyl Benzene
Concen: 17.397 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

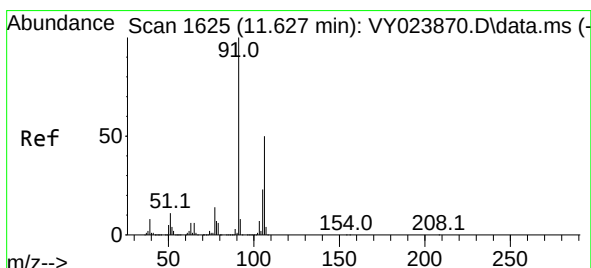
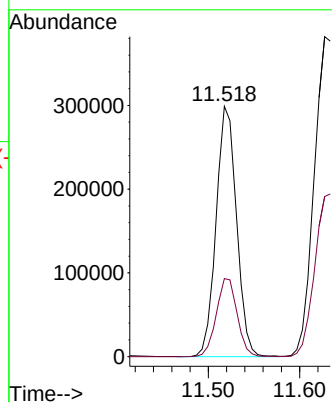
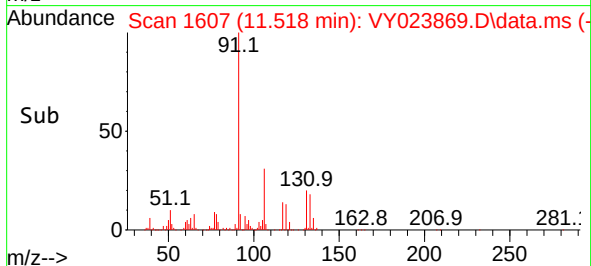
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



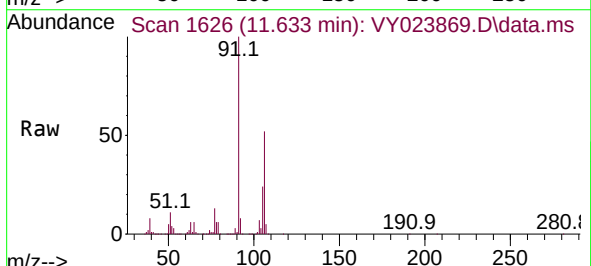
Tgt Ion: 91 Resp: 464136
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

Manual Integrations
APPROVED

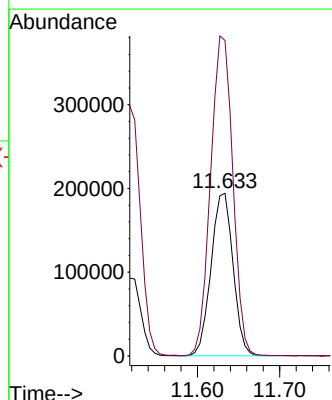
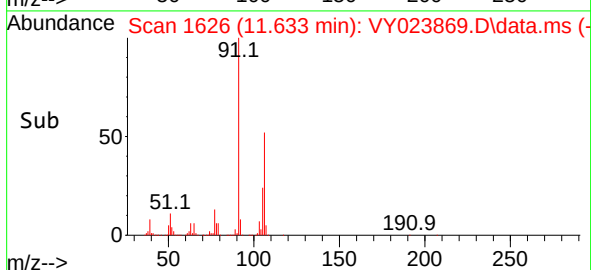
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

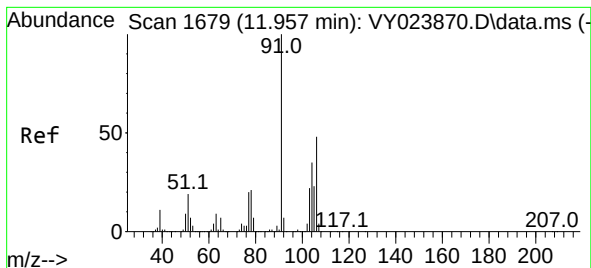


#68
m/p-Xylenes
Concen: 35.326 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion:106 Resp: 360229
Ion Ratio Lower Upper
106 100
91 199.5 159.7 239.5





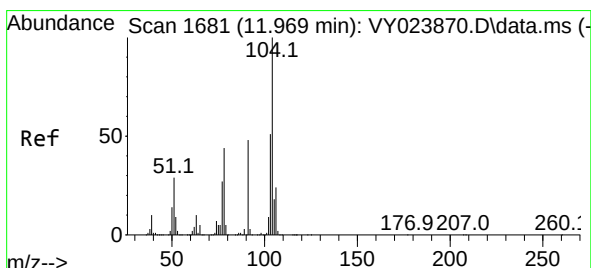
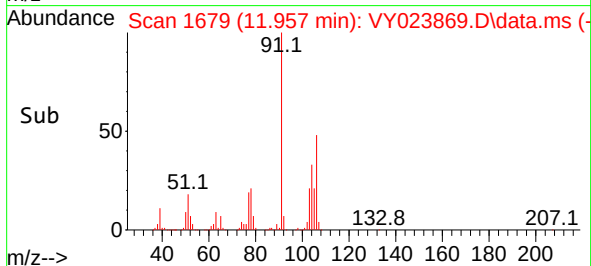
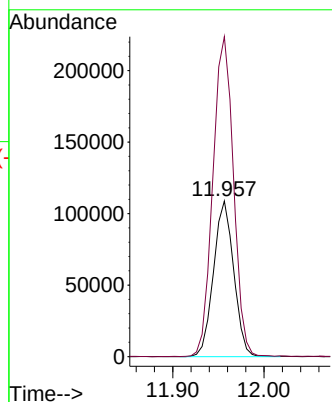
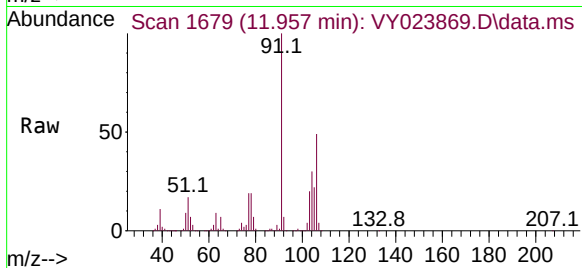
#69
o-Xylene
Concen: 17.531 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 16721
Ion Ratio Lower Upper
106 100
91 210.3 104.4 313.1

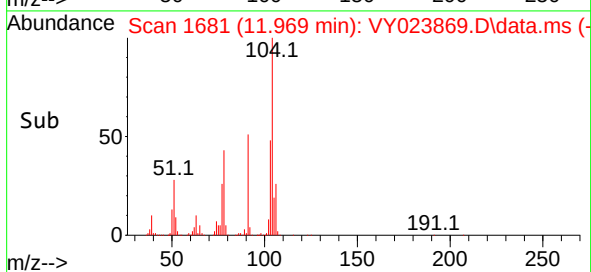
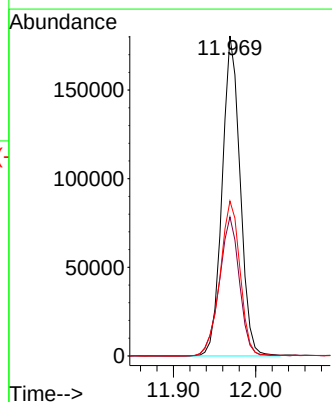
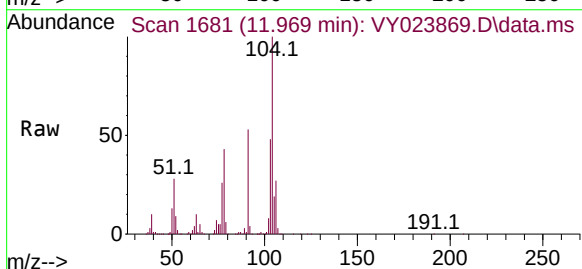
Manual Integrations
APPROVED

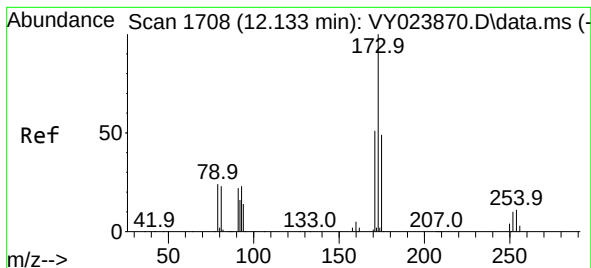
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 17.444 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

Tgt Ion:104 Resp: 274264
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 54.0 43.9 65.9





#71

Bromoform

Concen: 17.100 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 50874

Ion Ratio Lower Upper

173 100

175 50.7 24.4 73.4

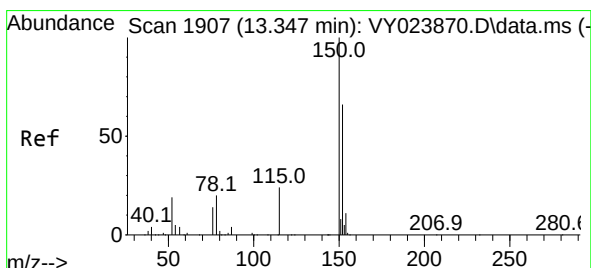
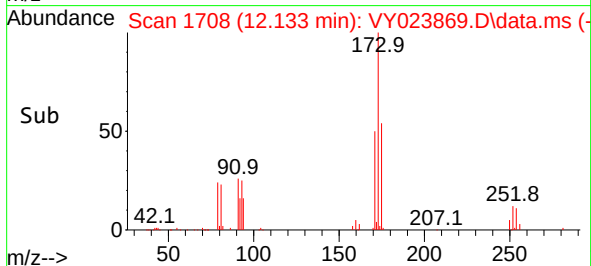
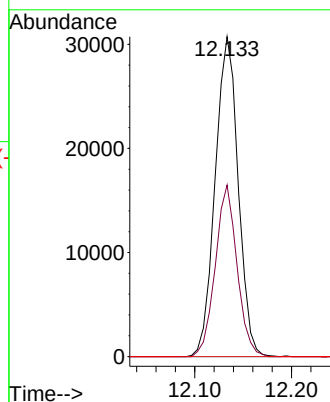
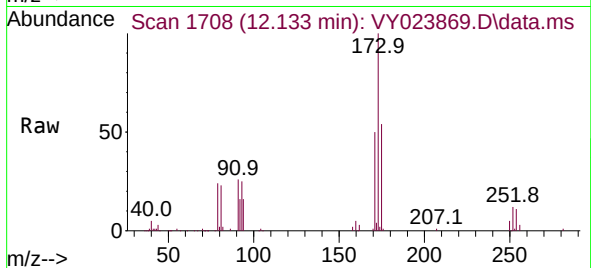
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

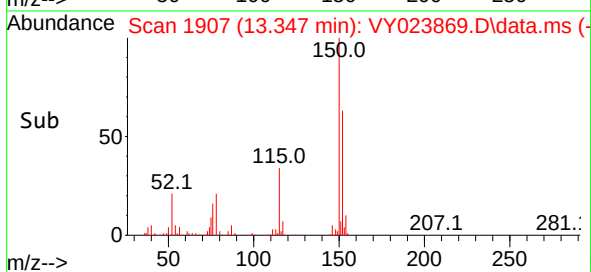
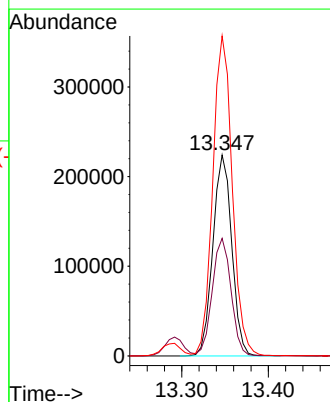
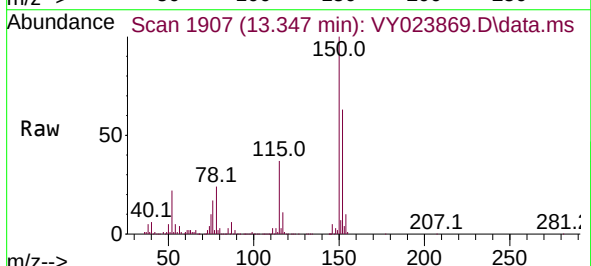
Tgt Ion:152 Resp: 341141

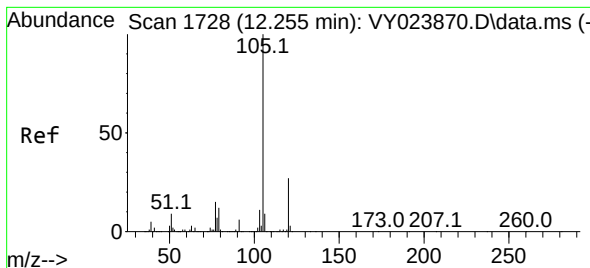
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.4

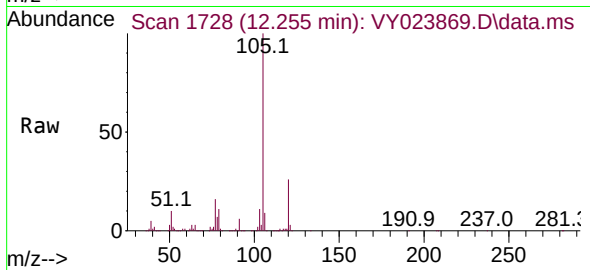
150 164.1 0.0 352.2





#73
Isopropylbenzene
Concen: 17.648 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

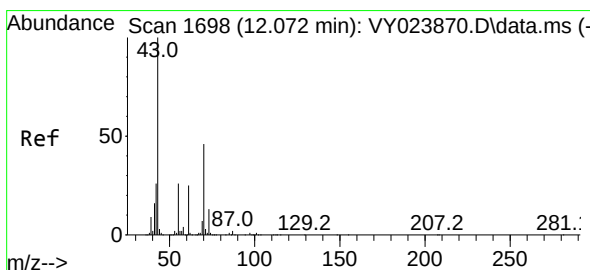
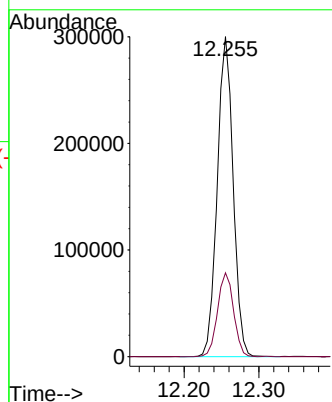
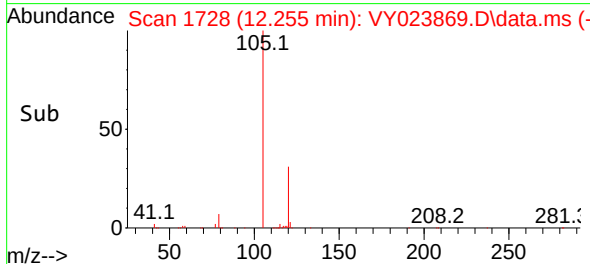
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



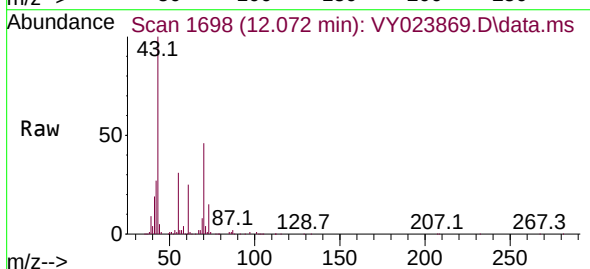
Tgt Ion:105 Resp: 443570
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
APPROVED

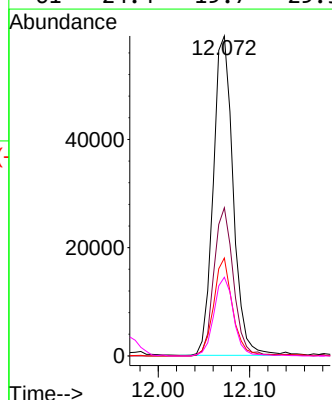
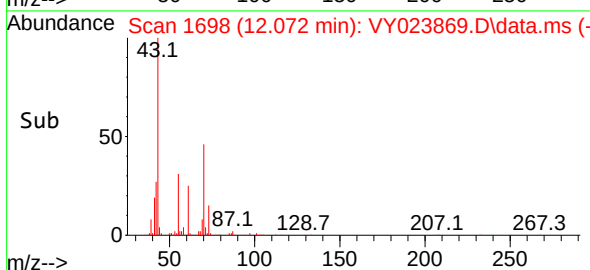
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

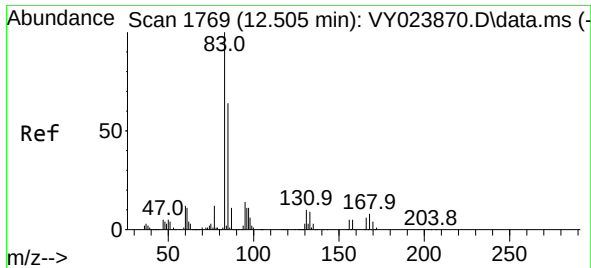


#74
N-ethyl acetate
Concen: 16.418 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



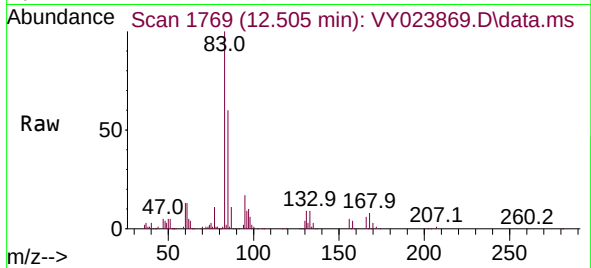
Tgt Ion: 43 Resp: 89434
Ion Ratio Lower Upper
43 100
70 45.9 35.5 53.3
55 29.2 21.1 31.7
61 24.4 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 17.305 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

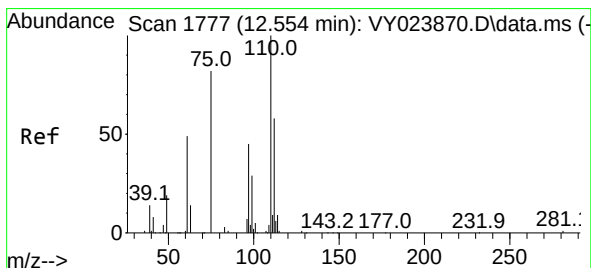
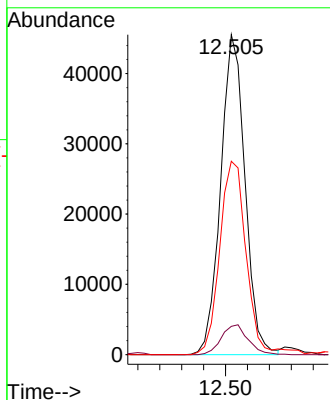
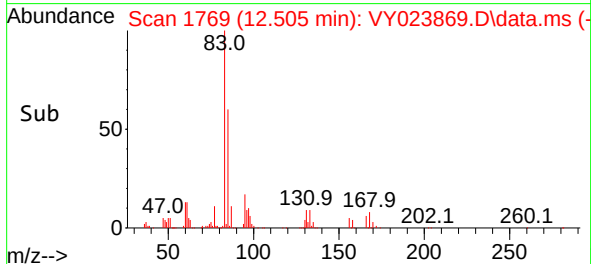
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



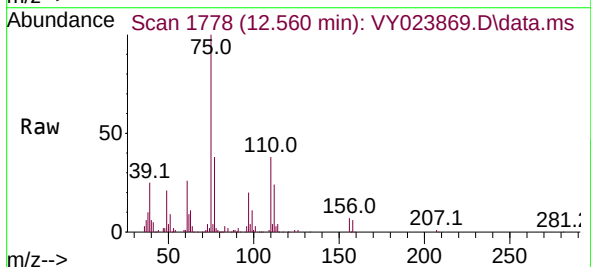
Tgt Ion: 83 Resp: 70174
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 66.2 31.9 95.7

Manual Integrations
APPROVED

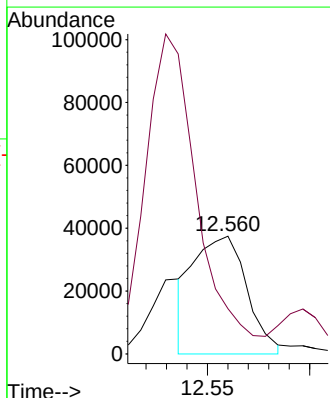
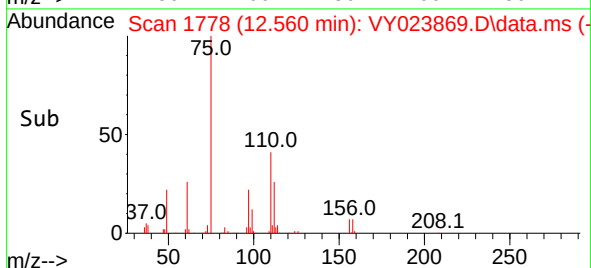
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

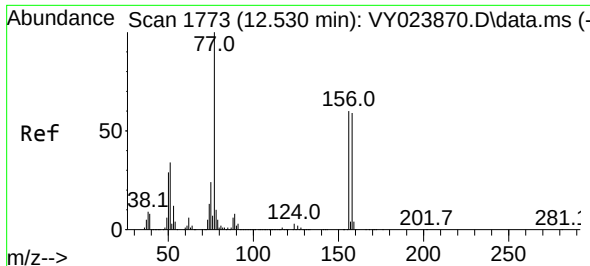


#76
1,2,3-Trichloropropane
Concen: 20.136 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



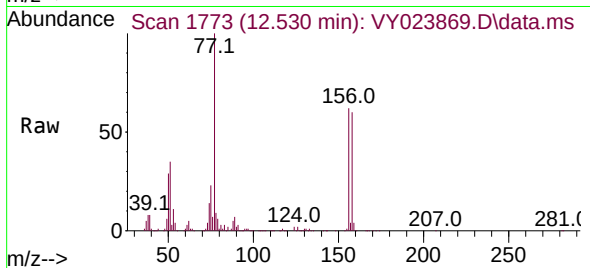
Tgt Ion: 75 Resp: 68098
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 17.321 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

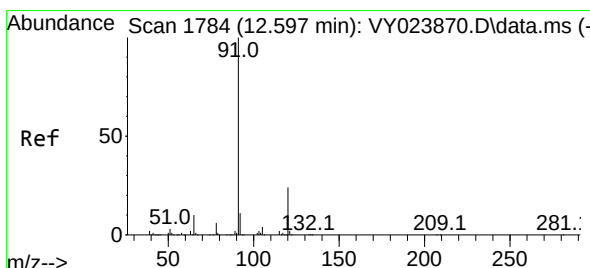
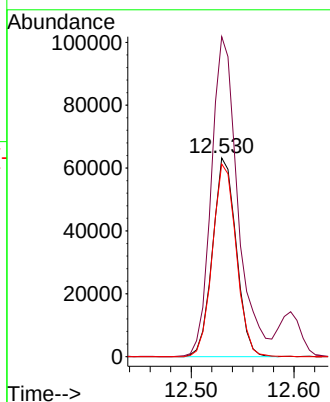
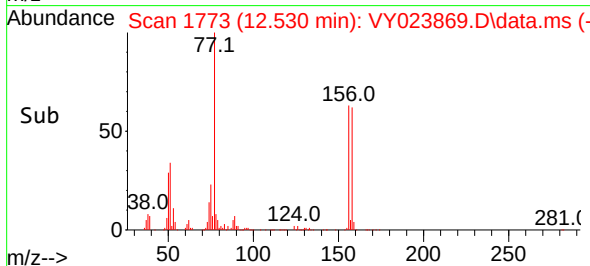
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



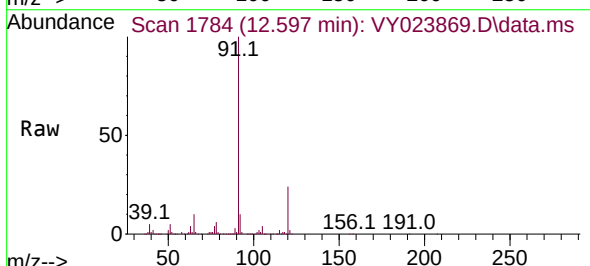
Tgt Ion:156 Resp: 101109
Ion Ratio Lower Upper
156 100
77 181.5 89.6 268.9
158 97.7 48.6 145.8

Manual Integrations
APPROVED

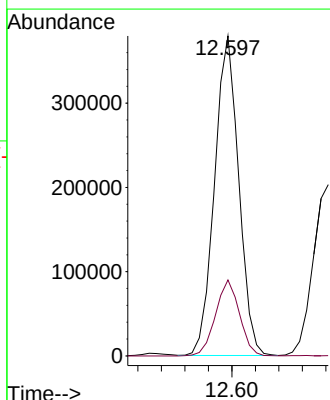
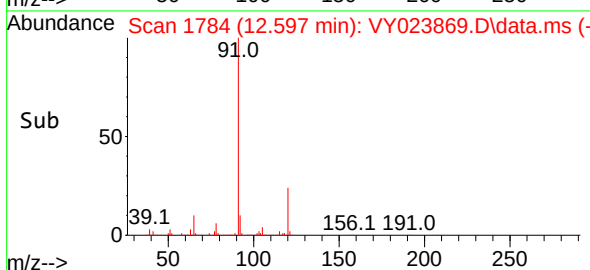
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

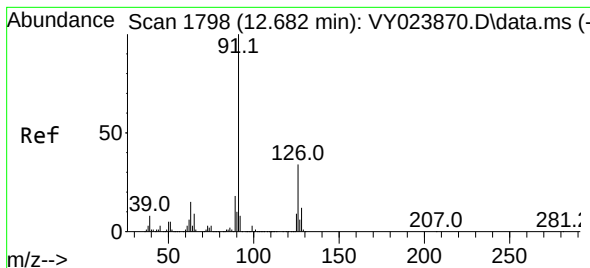


#78
n-propylbenzene
Concen: 17.859 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



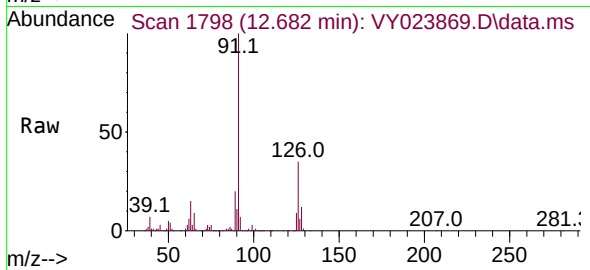
Tgt Ion: 91 Resp: 541647
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





#79
2-Chlorotoluene
Concen: 17.813 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

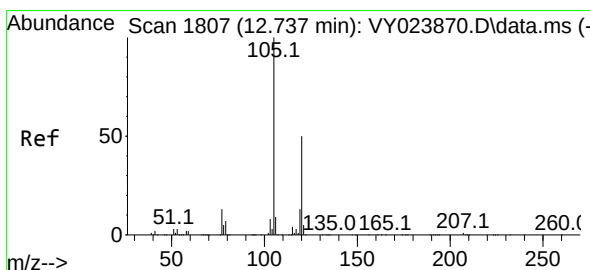
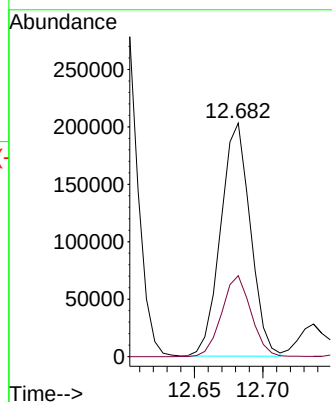
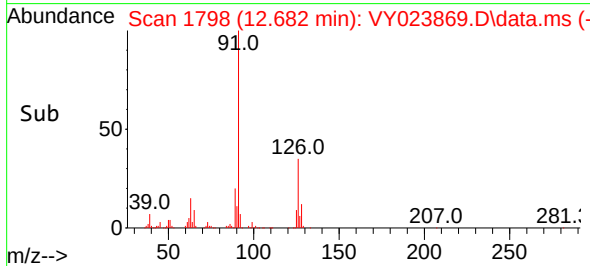
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



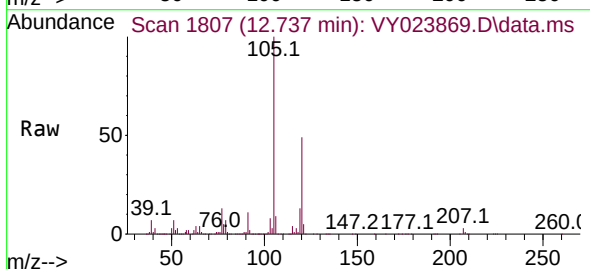
Tgt Ion: 91 Resp: 306826
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

Manual Integrations
APPROVED

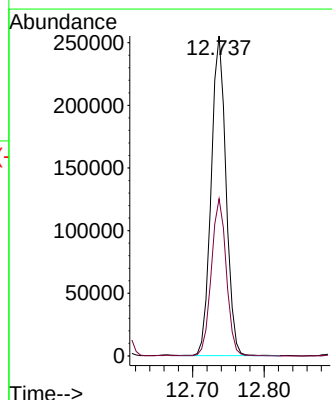
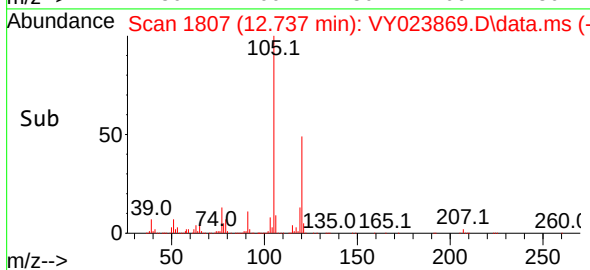
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

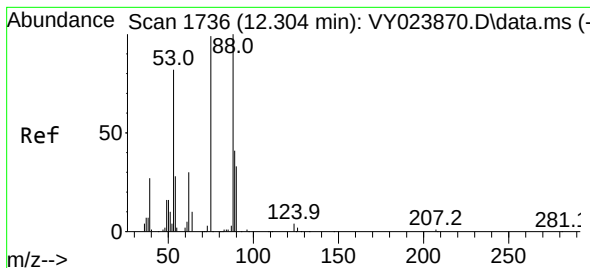


#80
1,3,5-Trimethylbenzene
Concen: 17.966 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



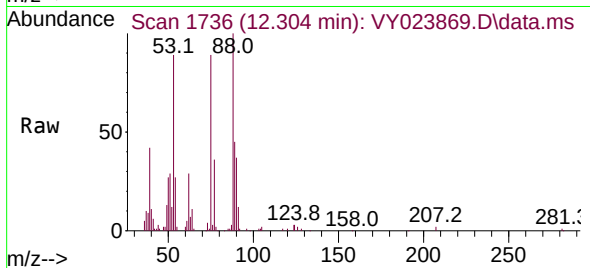
Tgt Ion:105 Resp: 366921
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.487 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

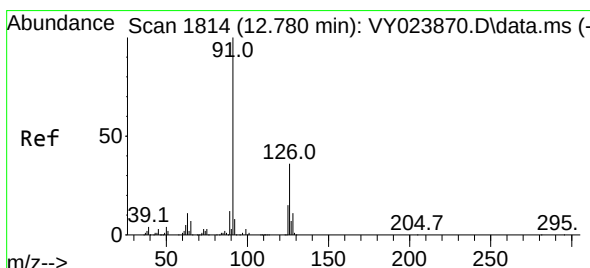
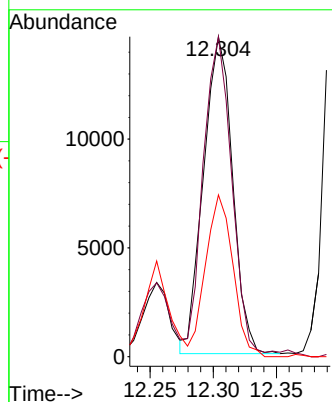
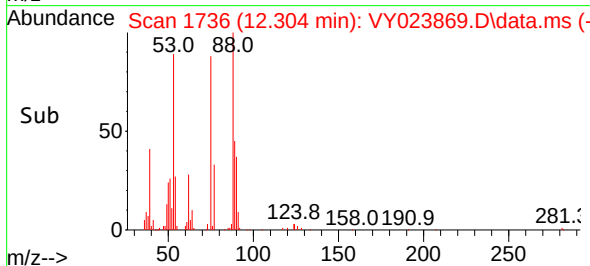
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 23281
Ion Ratio Lower Upper
75 100
53 97.3 71.1 106.7
89 47.9 36.3 54.5

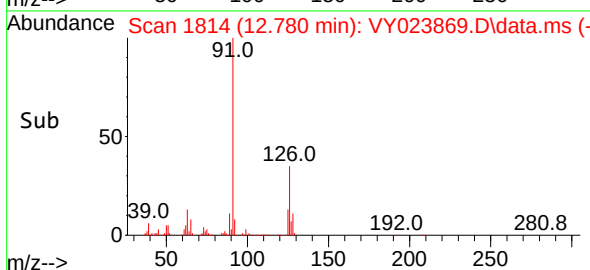
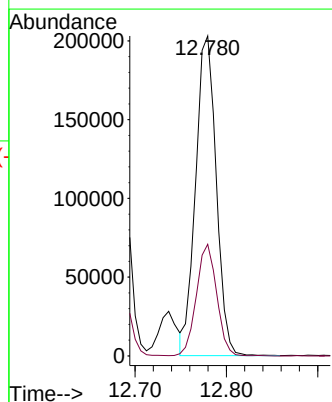
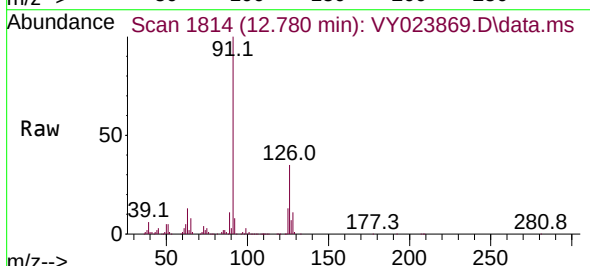
Manual Integrations
APPROVED

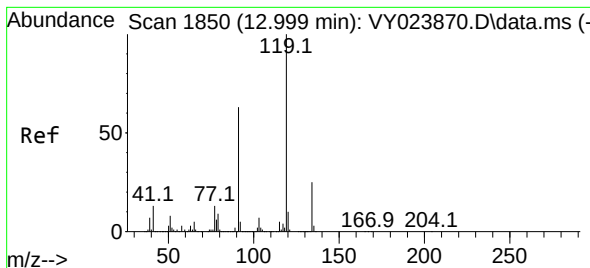
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 17.809 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

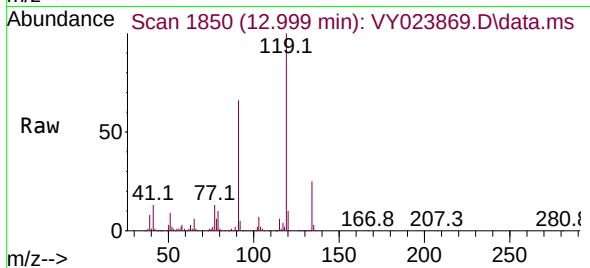
Tgt Ion: 91 Resp: 318020
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83
tert-Butylbenzene
Concen: 17.652 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

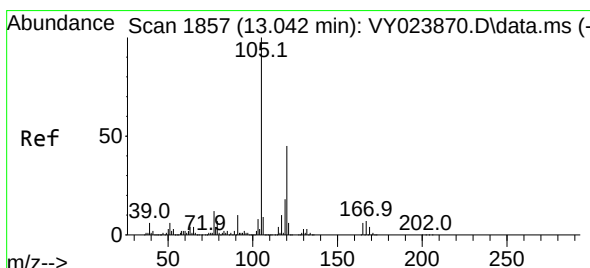
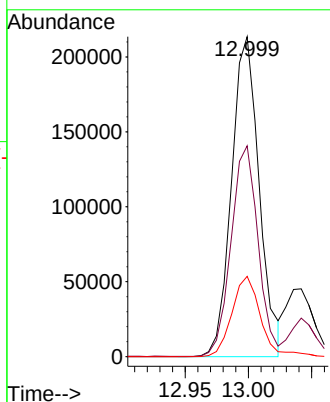
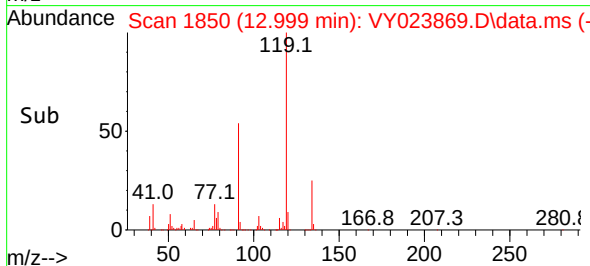
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



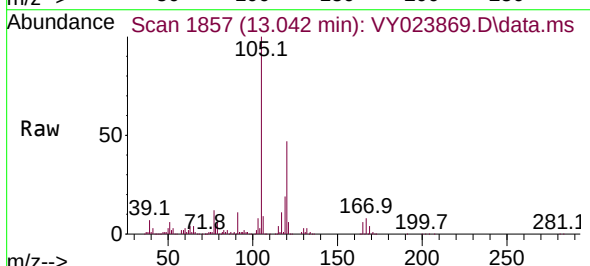
Tgt Ion:119 Resp: 325007
Ion Ratio Lower Upper
119 100
91 64.1 31.8 95.3
134 26.0 12.9 38.7

Manual Integrations
APPROVED

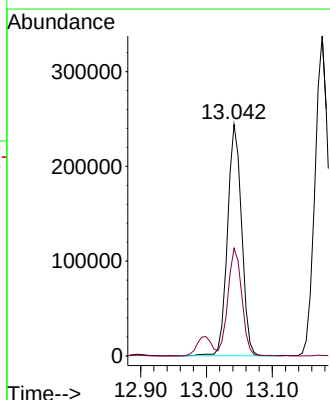
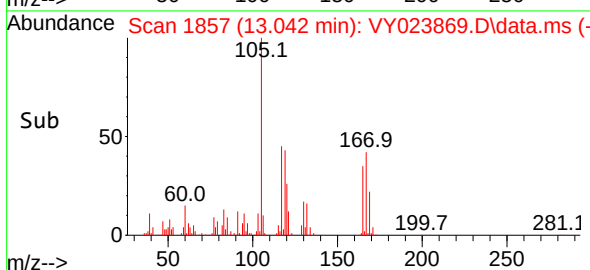
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

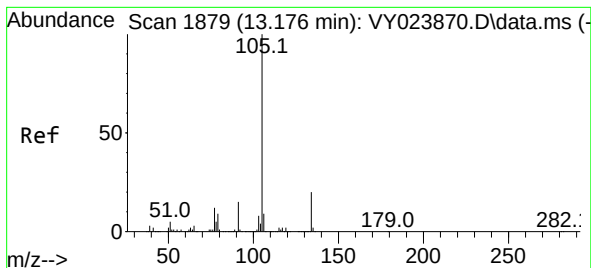


#84
1,2,4-Trimethylbenzene
Concen: 17.914 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



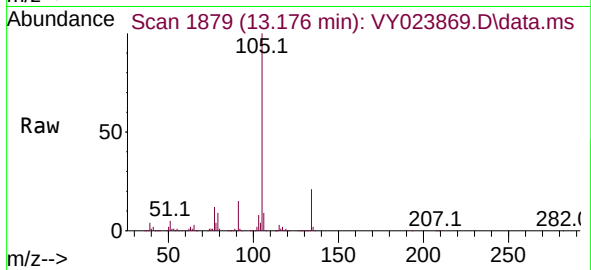
Tgt Ion:105 Resp: 362427
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3





#85
sec-Butylbenzene
Concen: 17.734 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

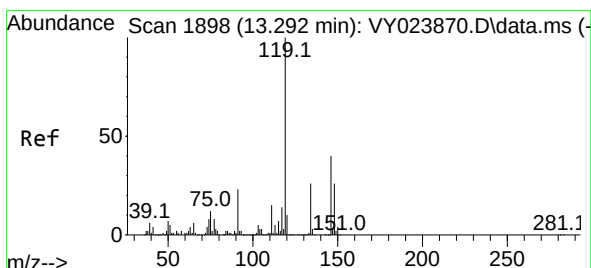
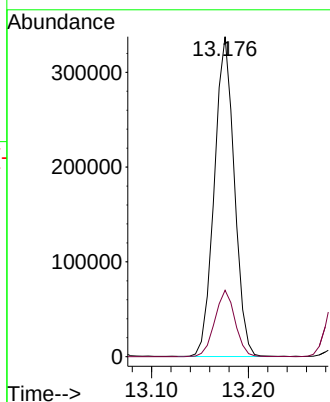
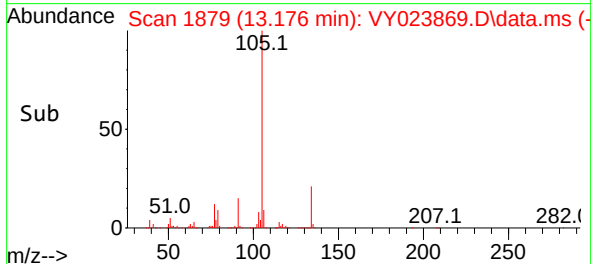
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 485690
Ion Ratio Lower Upper
105 100
134 20.9 10.1 30.3

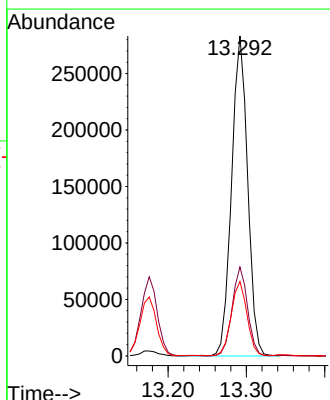
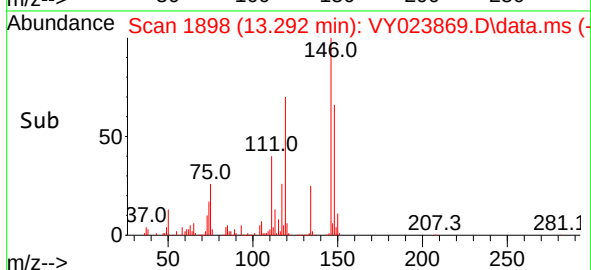
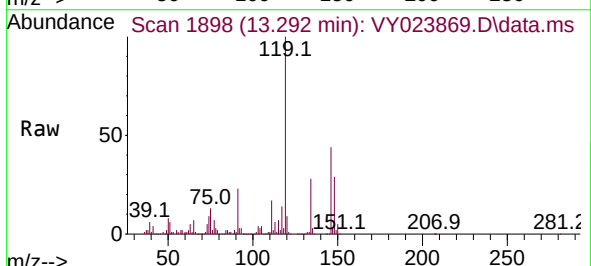
Manual Integrations
APPROVED

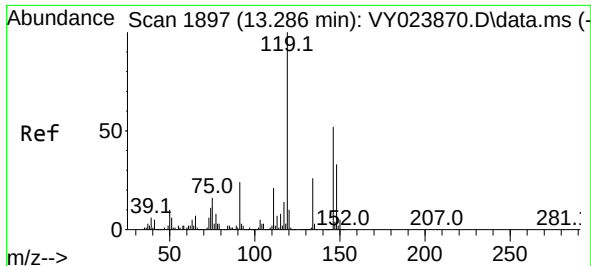
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#86
p-Isopropyltoluene
Concen: 17.815 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

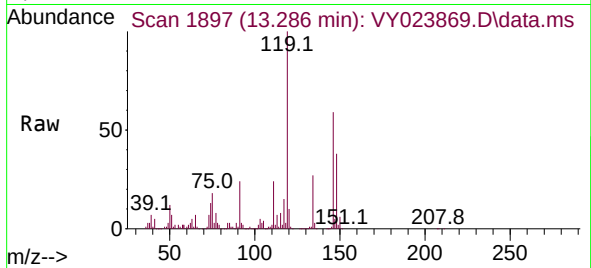
Tgt Ion:119 Resp: 403980
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.1
91 22.8 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 17.611 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

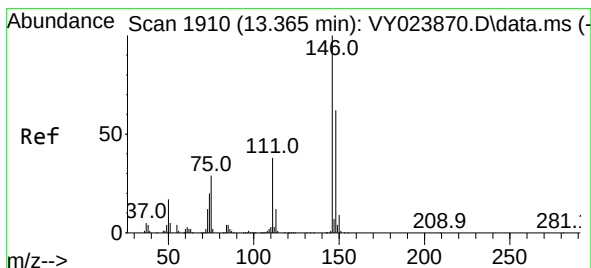
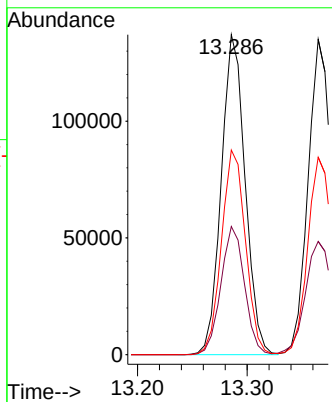
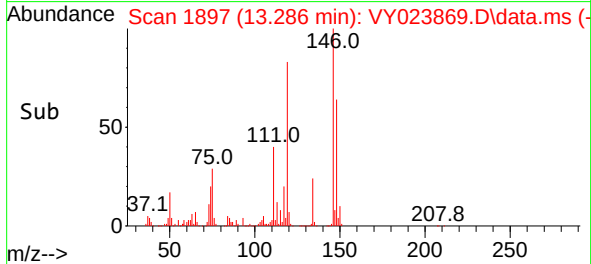
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



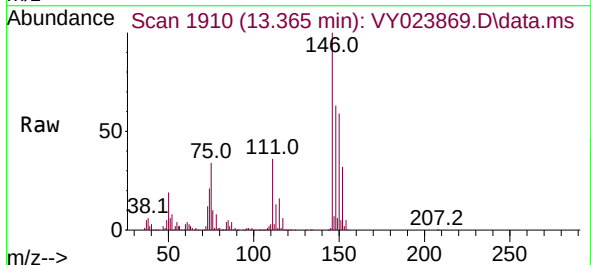
Tgt Ion:146 Resp: 207114
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 64.4 32.0 96.2

Manual Integrations
APPROVED

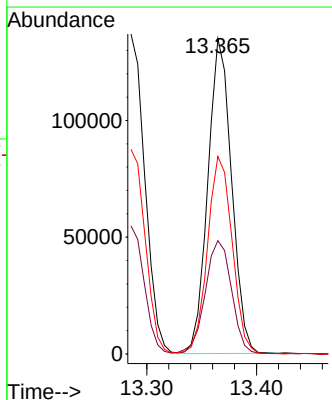
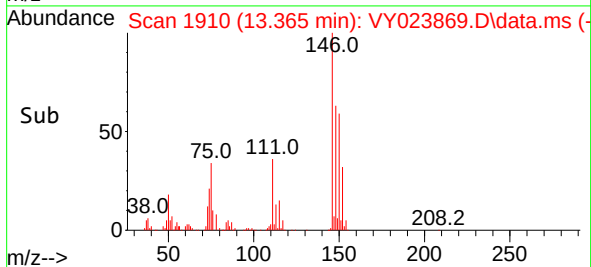
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

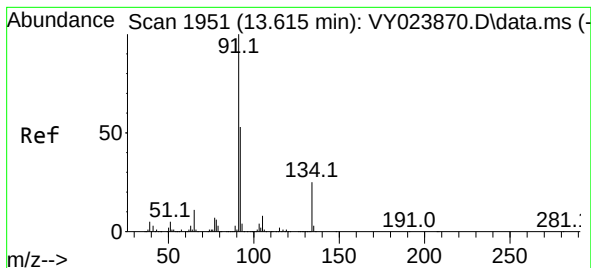


#88
1,4-Dichlorobenzene
Concen: 17.622 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



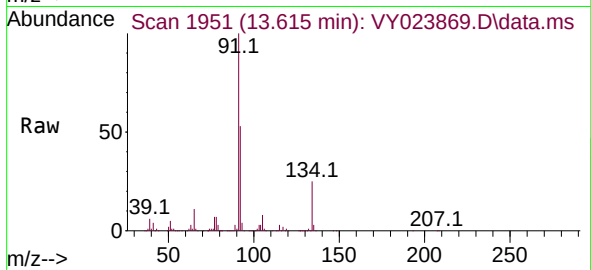
Tgt Ion:146 Resp: 203232
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.1
148 65.2 32.0 96.2





#89
n-Butylbenzene
Concen: 17.625 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

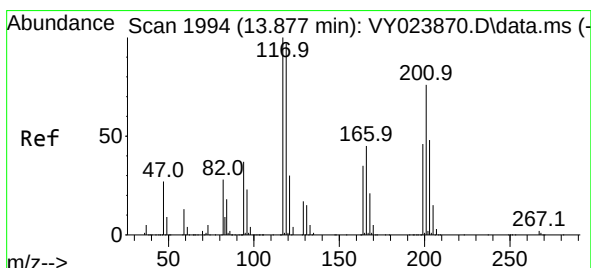
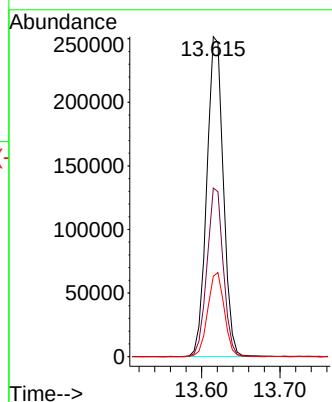
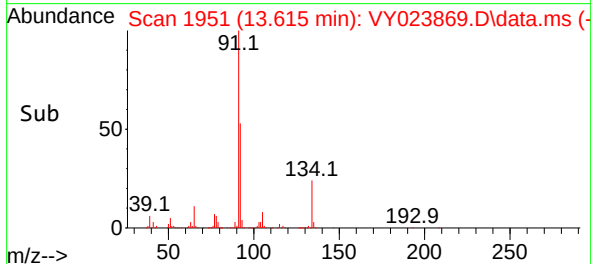
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 369923
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.0
134 26.3 13.0 39.0

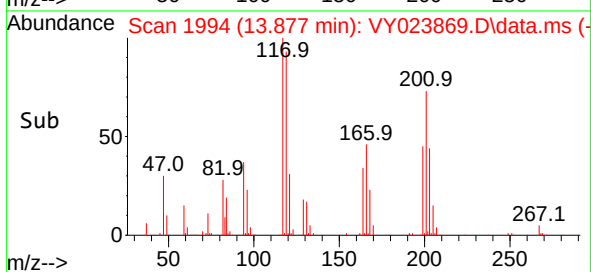
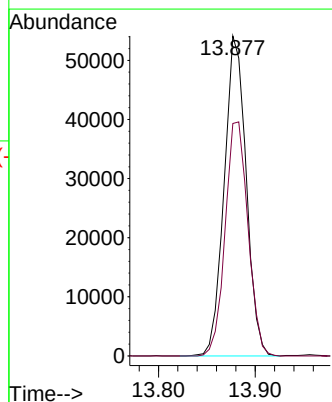
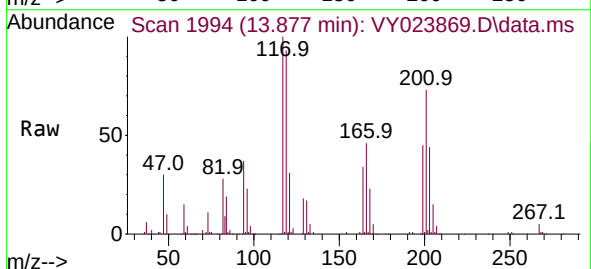
Manual Integrations
APPROVED

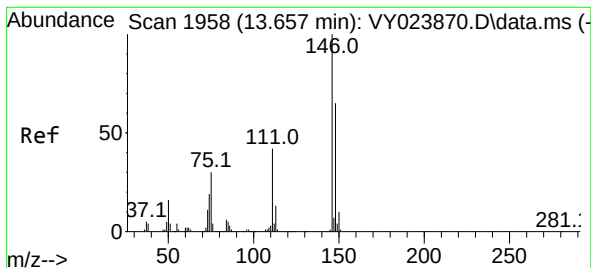
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 17.993 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

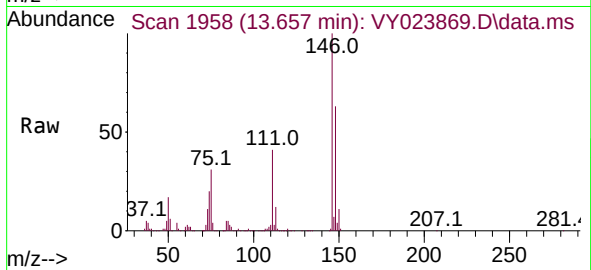
Tgt Ion:117 Resp: 85598
Ion Ratio Lower Upper
117 100
201 75.8 39.1 117.2





#91
1,2-Dichlorobenzene
Concen: 17.801 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

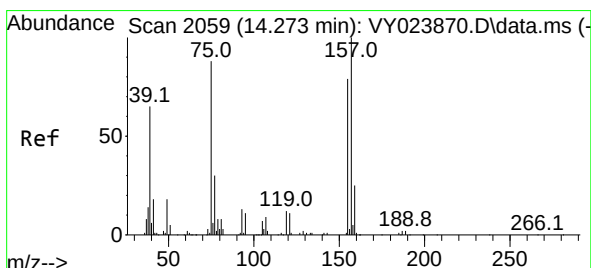
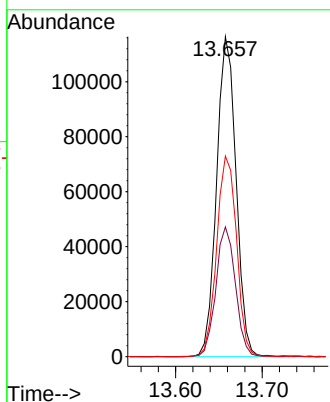
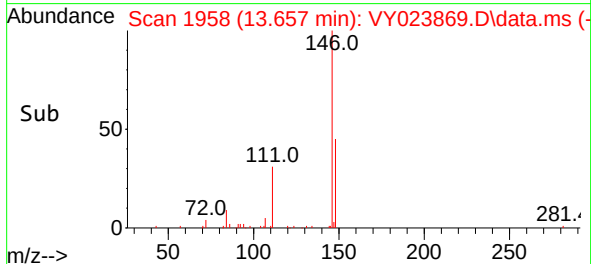
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



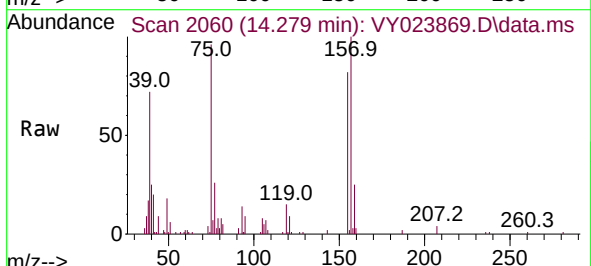
Tgt Ion:146 Resp: 182086
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 64.3 32.3 96.8

Manual Integrations
APPROVED

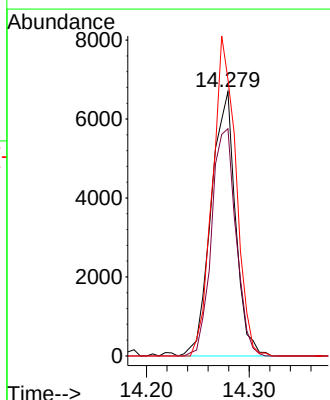
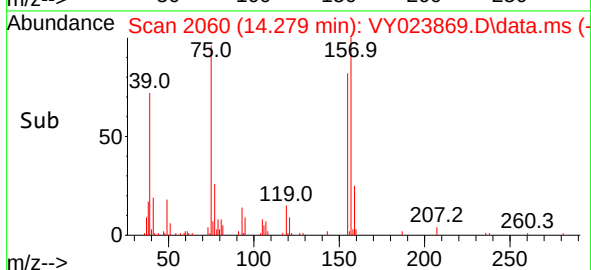
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

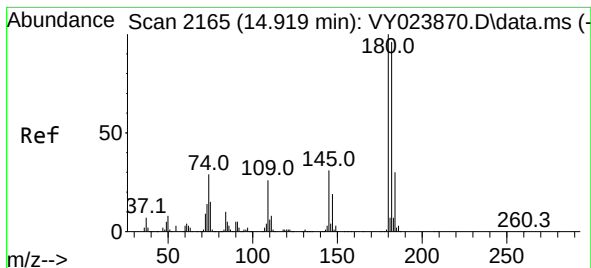


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.302 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27



Tgt Ion: 75 Resp: 11032
Ion Ratio Lower Upper
75 100
155 86.1 44.4 133.2
157 116.2 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 16.849 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

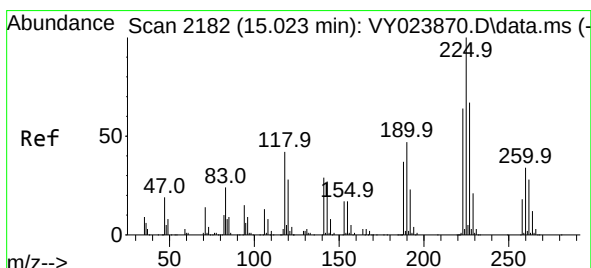
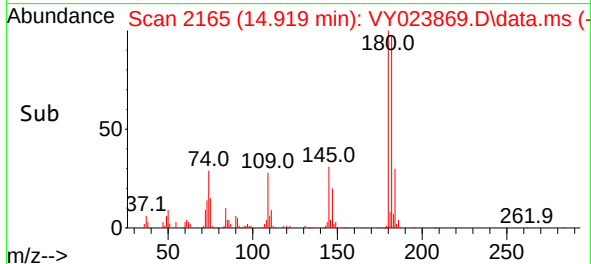
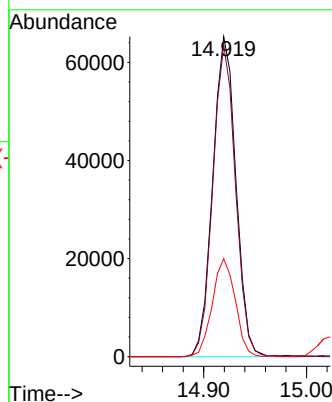
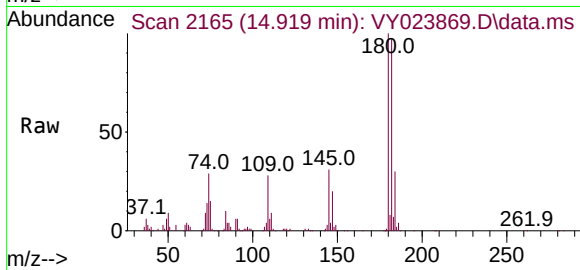
Tgt Ion:180	Resp: 102184
Ion Ratio	Lower Upper
180 100	
182 95.3	47.4 142.3
145 30.3	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 17.547 ug/l

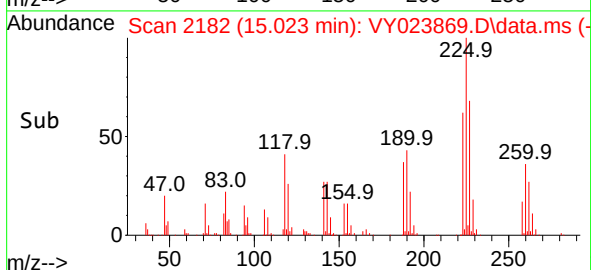
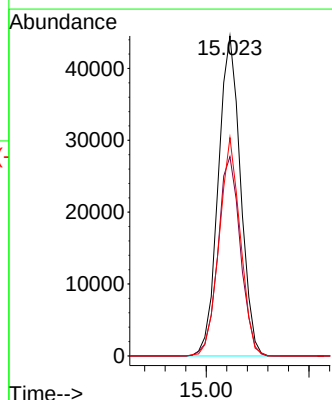
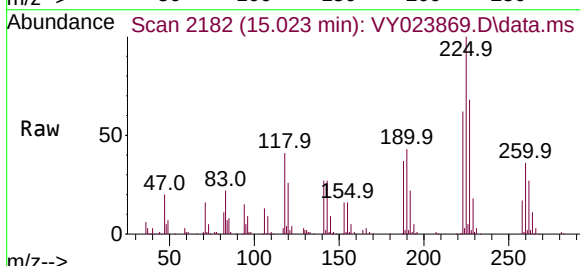
RT: 15.023 min Scan# 2182

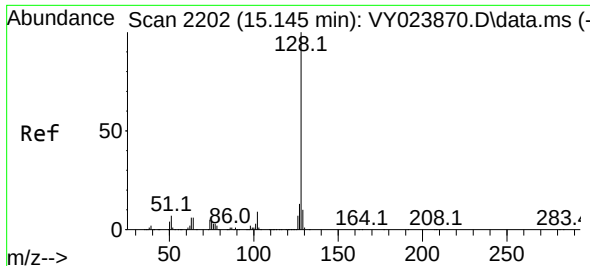
Delta R.T. -0.000 min

Lab File: VY023869.D

Acq: 03 Dec 2025 14:27

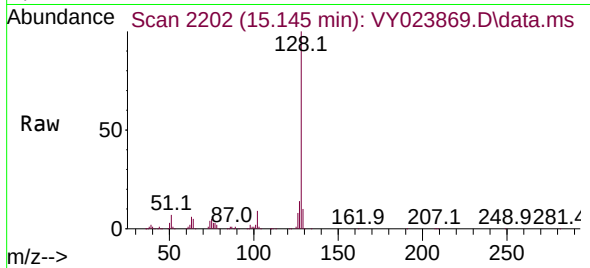
Tgt Ion:225	Resp: 66764
Ion Ratio	Lower Upper
225 100	
223 63.0	31.6 95.0
227 65.0	32.6 97.8





#95
Naphthalene
Concen: 16.079 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

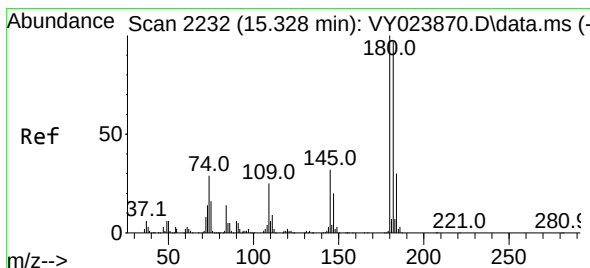
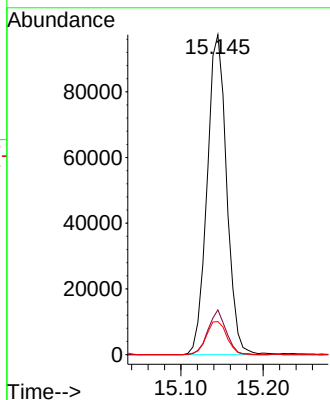
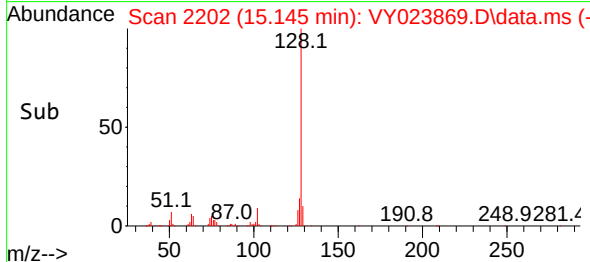
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 160700
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.016 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023869.D
Acq: 03 Dec 2025 14:27

Tgt Ion:180 Resp: 88059
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.8
145 31.4 15.7 47.1

