

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023519.D
 Acq On : 20 Oct 2025 19:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 04:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	538529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	761861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	681047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	187746	41.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.380%		
35) Dibromofluoromethane	7.640	113	228543	48.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.640%		
50) Toluene-d8	10.109	98	864554	49.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.408	95	278234	48.341	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	159849	41.238	ug/l	99
3) Chloromethane	2.074	50	210980	39.955	ug/l	99
4) Vinyl Chloride	2.208	62	295864	43.017	ug/l	97
5) Bromomethane	2.598	94	240957	41.747	ug/l	99
6) Chloroethane	2.739	64	210246	44.845	ug/l	100
7) Trichlorofluoromethane	3.062	101	441973	46.281	ug/l	98
8) Diethyl Ether	3.458	74	99357	39.816	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	242903	49.017	ug/l	99
10) Methyl Iodide	4.013	142	292112	52.950	ug/l	99
11) Tert butyl alcohol	4.860	59	44225	132.008	ug/l	97
12) 1,1-Dichloroethene	3.793	96	231218	48.132	ug/l	97
13) Acrolein	3.659	56	30218	63.834	ug/l	100
14) Allyl chloride	4.385	41	252501	43.129	ug/l	96
15) Acrylonitrile	5.055	53	172847	180.998	ug/l	99
16) Acetone	3.866	43	145151	135.391	ug/l	95
17) Carbon Disulfide	4.110	76	620791	45.152	ug/l	100
18) Methyl Acetate	4.385	43	112686	40.069	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	458307	39.695	ug/l	97
20) Methylene Chloride	4.622	84	245008	42.263	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	253922	48.011	ug/l	98
22) Diisopropyl ether	6.025	45	561794	43.382	ug/l	98
23) Vinyl Acetate	5.964	43	1267884	180.880	ug/l	98
24) 1,1-Dichloroethane	5.921	63	404661	47.173	ug/l	99
25) 2-Butanone	6.896	43	191988	146.685	ug/l	99
26) 2,2-Dichloropropane	6.890	77	356335	45.271	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	293412	48.028	ug/l	96
28) Bromochloromethane	7.250	49	125241	39.109	ug/l	94
29) Tetrahydrofuran	7.262	42	117756	158.657	ug/l	95
30) Chloroform	7.427	83	451818	47.939	ug/l	100
31) Cyclohexane	7.707	56	327797	43.757	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	424963	49.617	ug/l	99
36) 1,1-Dichloropropene	7.841	75	311808	50.312	ug/l	99
37) Ethyl Acetate	6.982	43	85072	34.648	ug/l	99
38) Carbon Tetrachloride	7.823	117	386518	51.434	ug/l	97
39) Methylcyclohexane	9.109	83	410593	50.883	ug/l	99
40) Benzene	8.085	78	978074	49.833	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	56213m	42.332	ug/l	
42) 1,2-Dichloroethane	8.164	62	222684	43.993	ug/l	98
43) Isopropyl Acetate	8.201	43	174821	35.708	ug/l	98
44) Trichloroethene	8.872	130	291160	50.684	ug/l	97
45) 1,2-Dichloropropane	9.140	63	212814	49.090	ug/l	99
46) Dibromomethane	9.237	93	123099	44.906	ug/l	98
47) Bromodichloromethane	9.426	83	334685	48.477	ug/l	98
48) Methyl methacrylate	9.225	41	86581	37.643	ug/l	92
49) 1,4-Dioxane	9.225	88	23273	732.255	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	451758	178.593	ug/l	98
52) Toluene	10.170	92	650663	51.058	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	265291	44.193	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	328473	46.362	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	166949	45.289	ug/l	97
56) Ethyl methacrylate	10.438	69	177834	41.822	ug/l	96
57) 1,3-Dichloropropane	10.719	76	262169	44.882	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	426994	224.160	ug/l	98
59) 2-Hexanone	10.762	43	294191	162.741	ug/l	98
60) Dibromochloromethane	10.914	129	243219	47.061	ug/l	99
61) 1,2-Dibromoethane	11.018	107	158595	45.112	ug/l	97
64) Tetrachloroethene	10.646	164	370576	52.698	ug/l	97
65) Chlorobenzene	11.444	112	716795	48.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	258610	48.993	ug/l	99
67) Ethyl Benzene	11.518	91	1207735	50.371	ug/l	99
68) m/p-Xylenes	11.627	106	982921	102.206	ug/l	99
69) o-Xylene	11.956	106	454971	50.437	ug/l	99
70) Styrene	11.969	104	756453	50.995	ug/l	99
71) Bromoform	12.133	173	142534	43.532	ug/l #	98
73) Isopropylbenzene	12.255	105	1199809	51.648	ug/l	100
74) N-amyl acetate	12.072	43	146350	35.075	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	148432	39.066	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	123297m	39.645	ug/l	
77) Bromobenzene	12.536	156	295360	47.825	ug/l	97
78) n-propylbenzene	12.597	91	1386240	51.567	ug/l	100
79) 2-Chlorotoluene	12.682	91	780834	49.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	961815	51.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	48892	38.550	ug/l	98
82) 4-Chlorotoluene	12.779	91	803961	49.589	ug/l	100
83) tert-Butylbenzene	12.999	119	897624	51.789	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	949420	50.678	ug/l	100
85) sec-Butylbenzene	13.176	105	1277669	51.389	ug/l	99
86) p-Isopropyltoluene	13.292	119	1084870	51.249	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	574123	47.739	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	550949	46.385	ug/l	99
89) n-Butylbenzene	13.615	91	921538	49.961	ug/l	100
90) Hexachloroethane	13.877	117	228363	50.156	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	487474	46.234	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23265	37.318	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	288261	43.854	ug/l	98
94) Hexachlorobutadiene	15.023	225	185051	45.162	ug/l	99
95) Naphthalene	15.145	128	420290	40.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	241365	42.393	ug/l	99

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

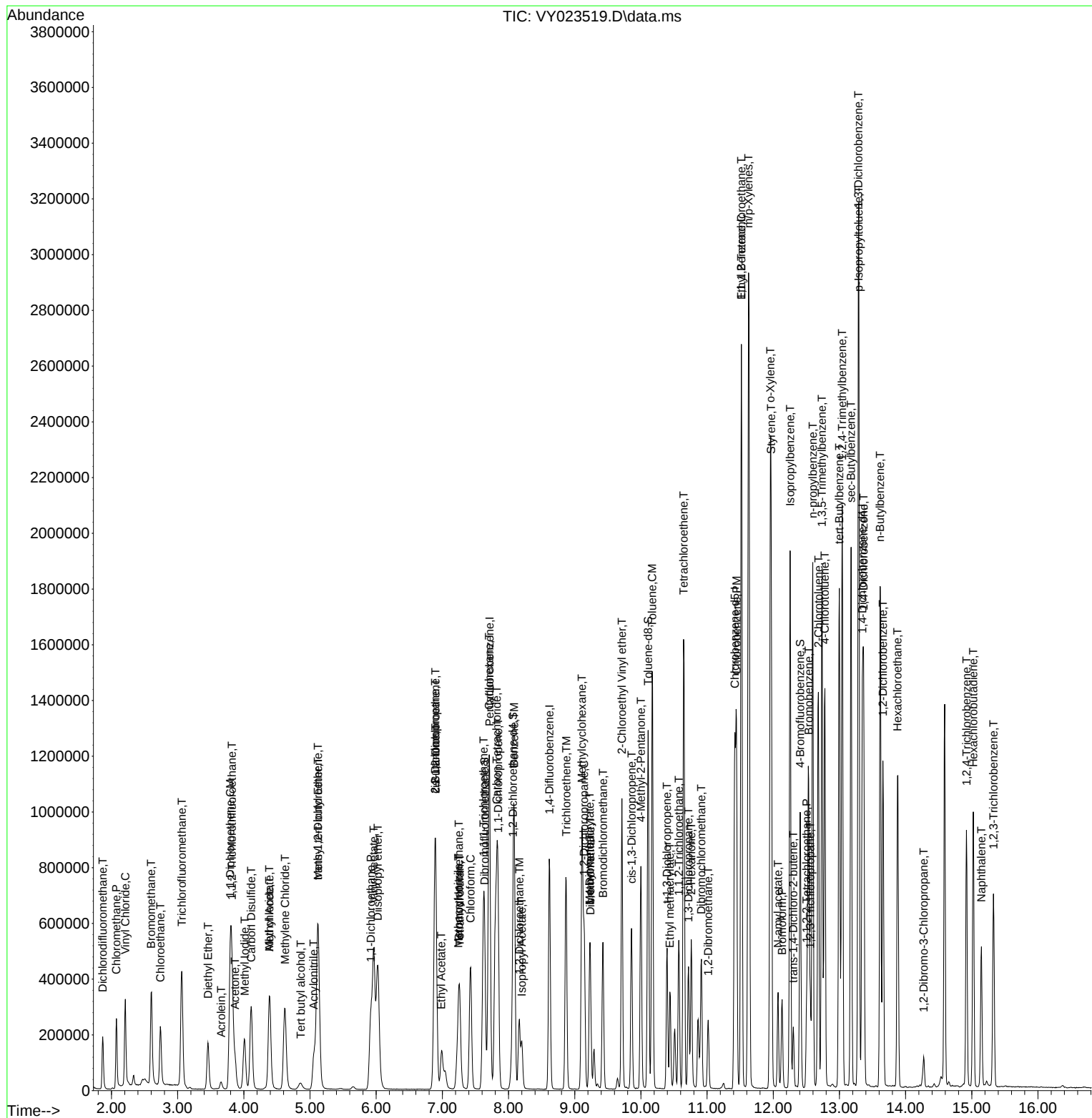
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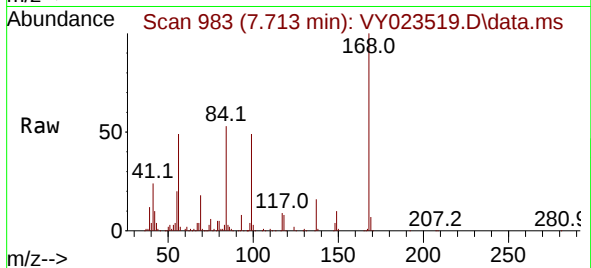
Reviewed By :Amit Patel 10/21/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

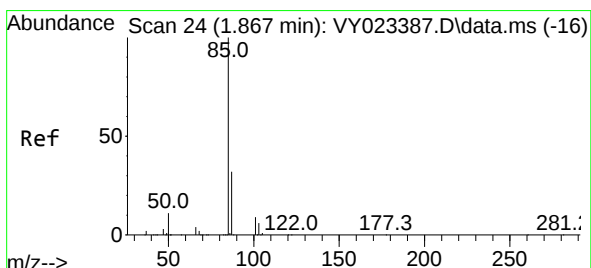
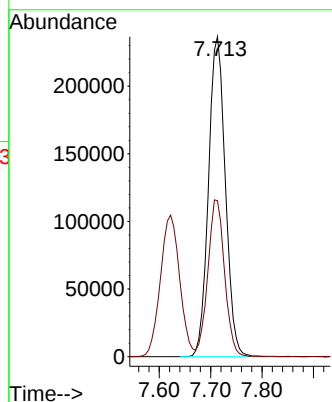
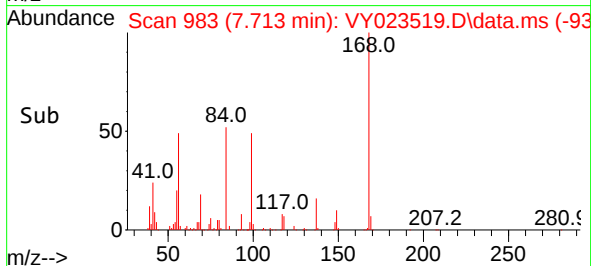
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 538529
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5

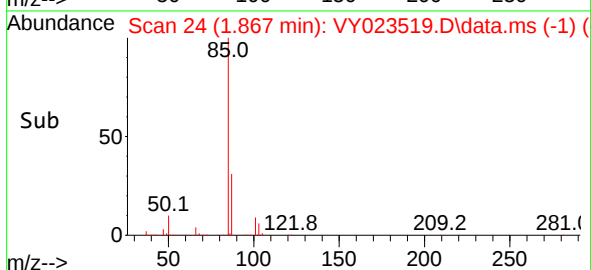
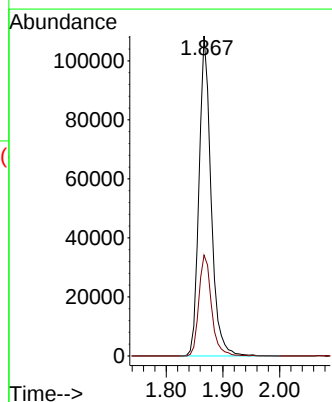
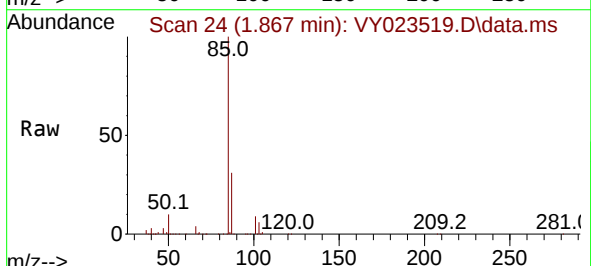
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#2
Dichlorodifluoromethane
Concen: 41.238 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

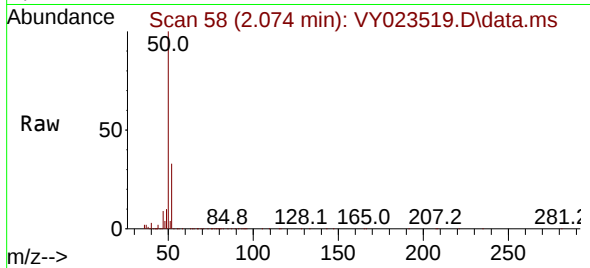
Tgt Ion: 85 Resp: 159849
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9





#3
Chloromethane
Concen: 39.955 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

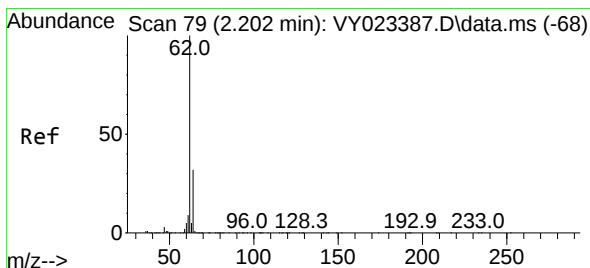
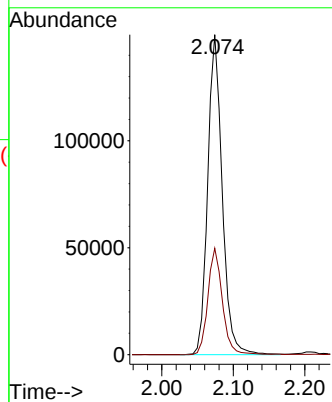
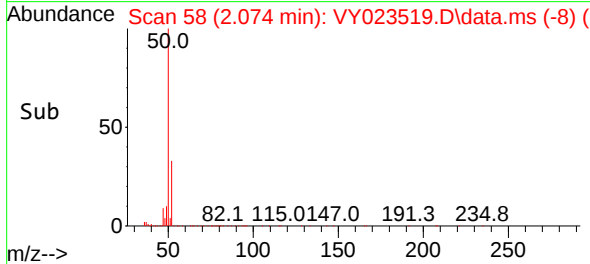
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 210980
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2

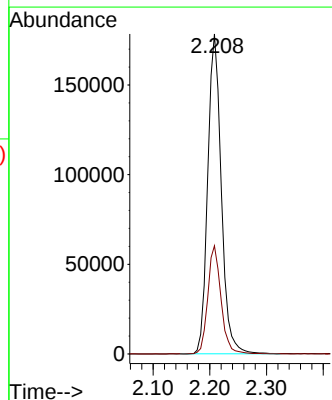
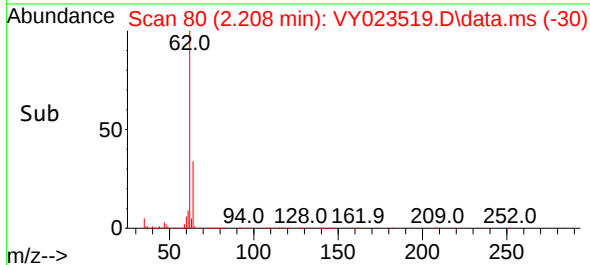
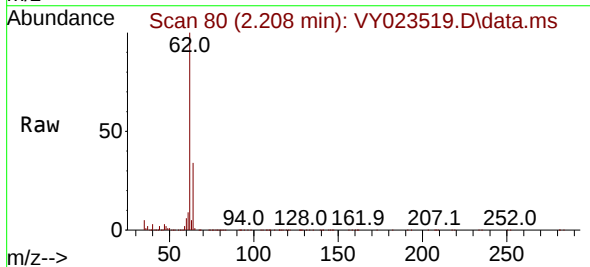
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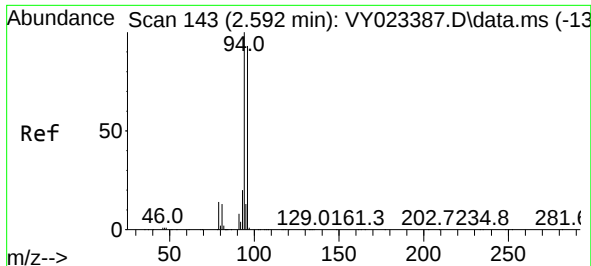
Reviewed By :Amit Patel 10/21/2025
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#4
Vinyl Chloride
Concen: 43.017 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

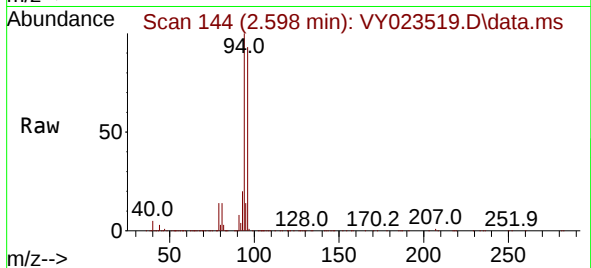
Tgt Ion: 62 Resp: 295864
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.8





#5
Bromomethane
Concen: 41.747 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

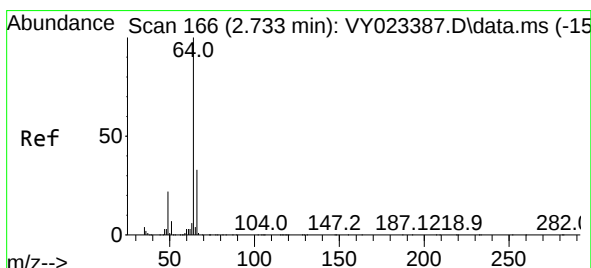
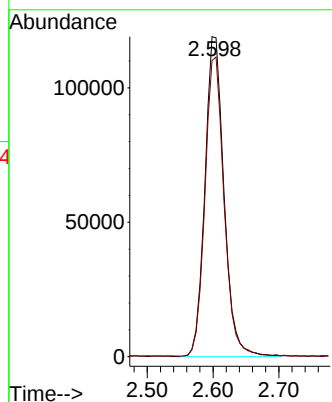
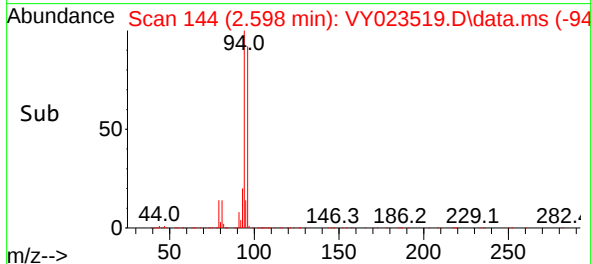
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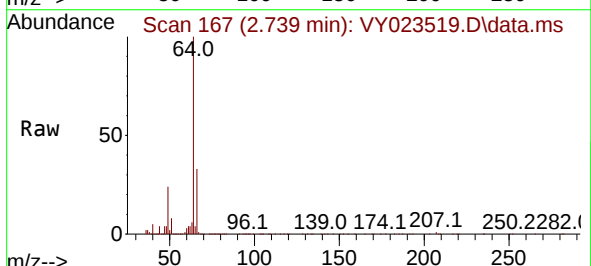
Tgt Ion: 94 Resp: 24095
Ion Ratio Lower Upper
94 100
96 92.3 74.5 111.7

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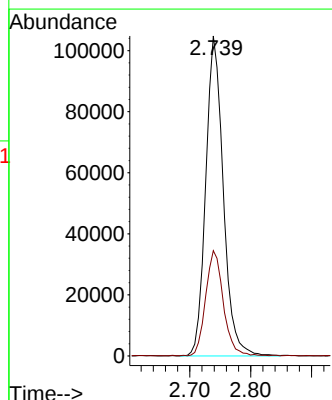
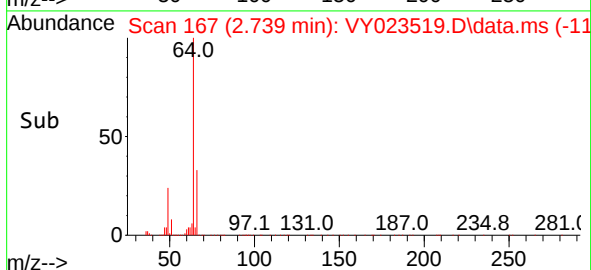
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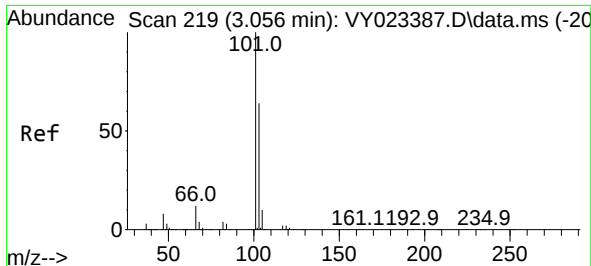


#6
Chloroethane
Concen: 44.845 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 64 Resp: 210246
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





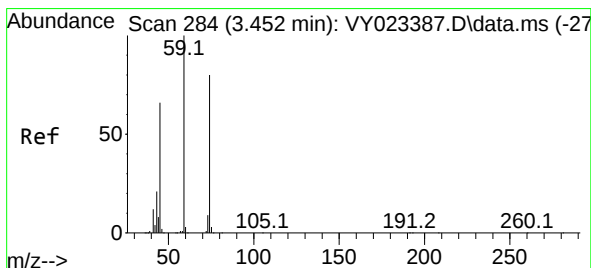
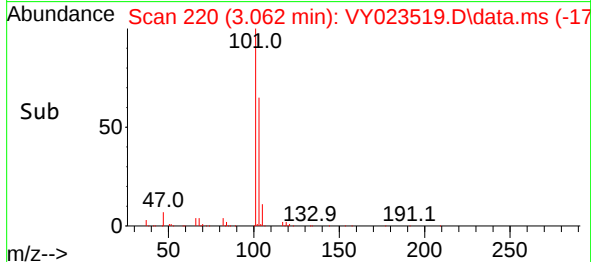
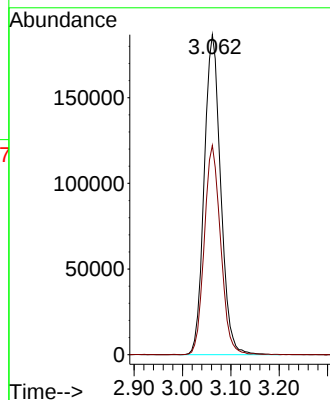
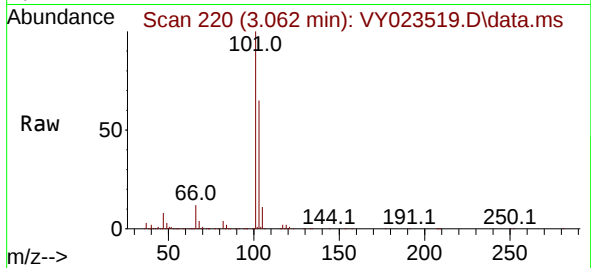
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Trichlorofluoromethane
Concen: 46.281 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 441973
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9

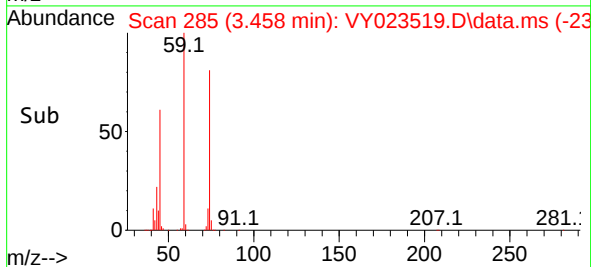
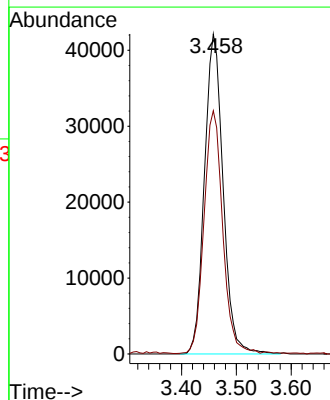
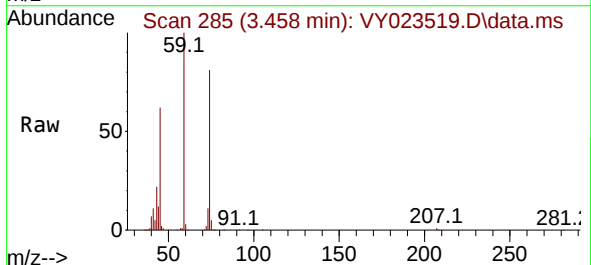
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#8
Diethyl Ether
Concen: 39.816 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 74 Resp: 99357
Ion Ratio Lower Upper
74 100
45 76.0 39.9 119.7





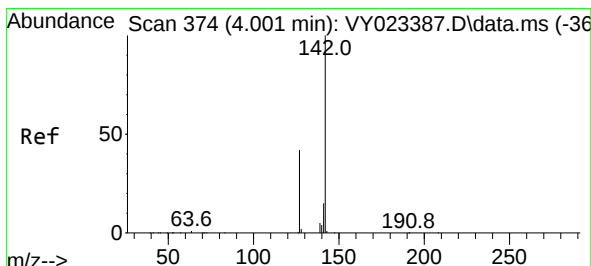
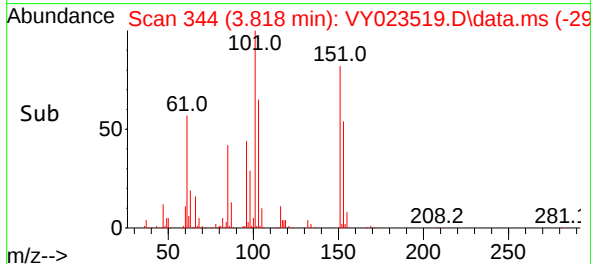
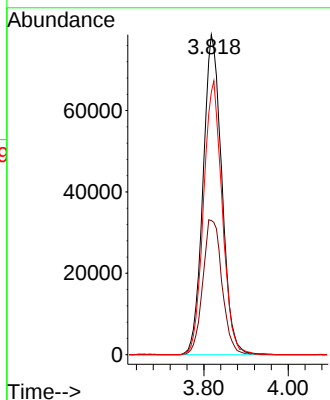
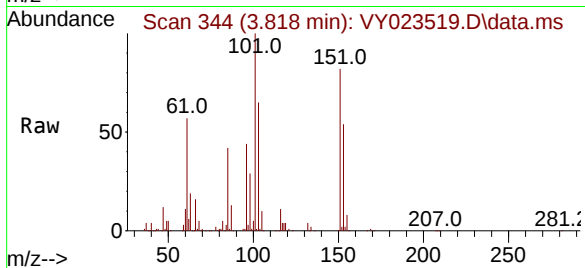
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.017 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 24290
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 85.3 67.0 100.6

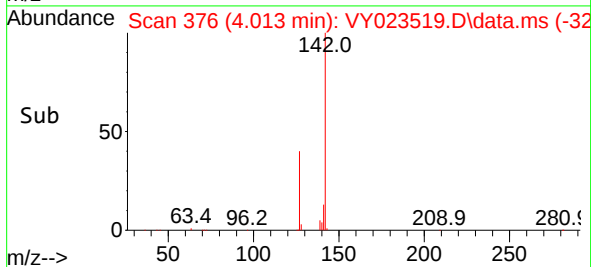
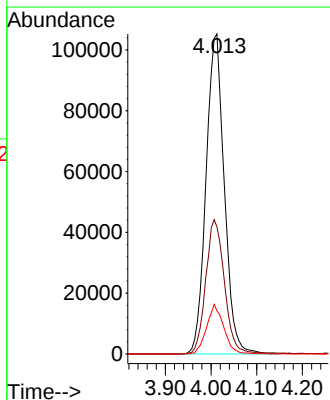
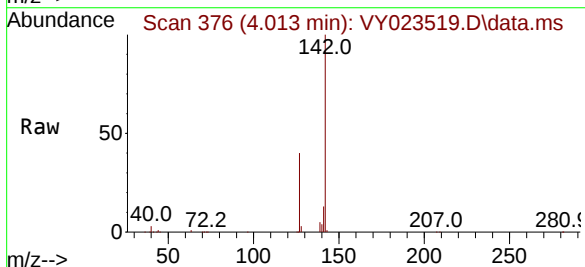
Manual Integrations
APPROVED

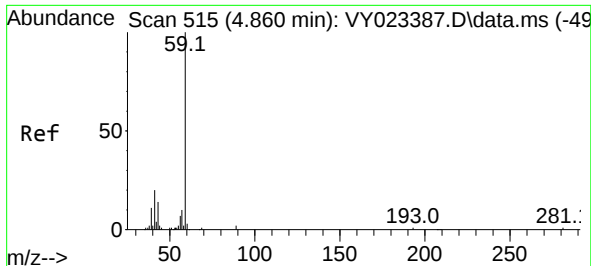
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 52.950 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

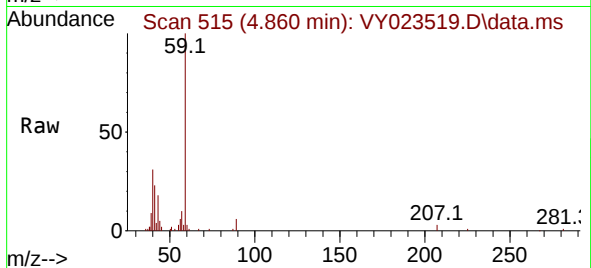
Tgt Ion:142 Resp: 292112
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 132.008 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

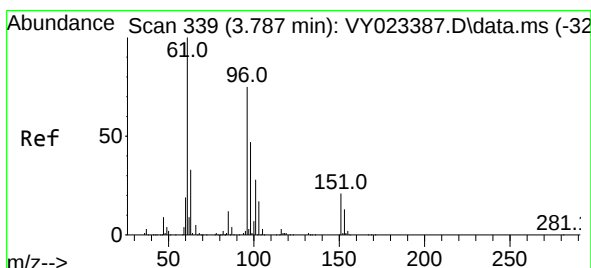
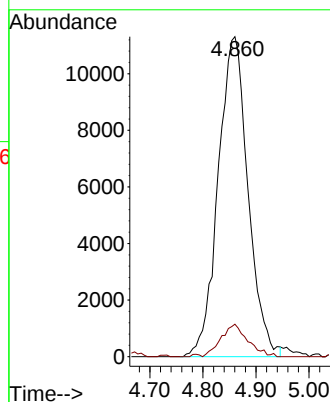
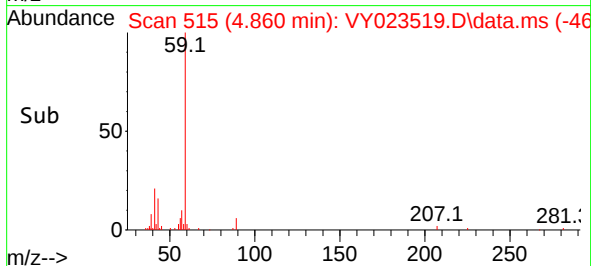
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



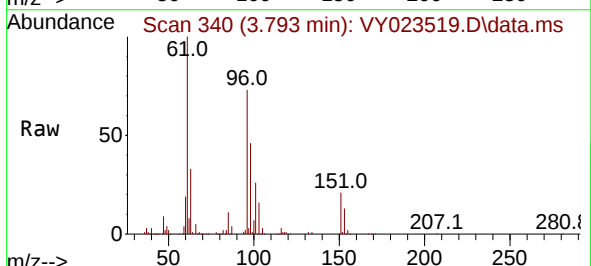
Tgt Ion: 59 Resp: 44225
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

Manual Integrations
APPROVED

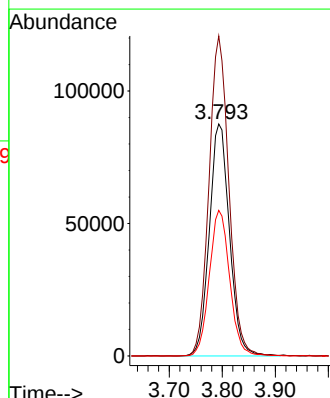
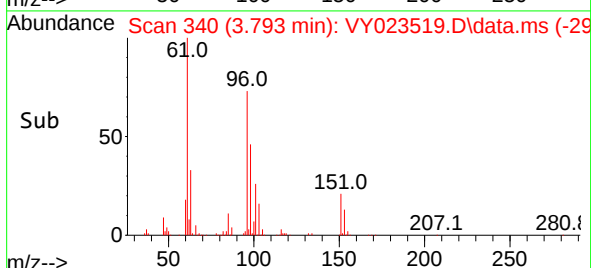
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

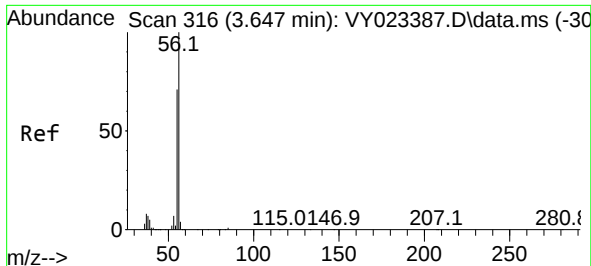


#12
1,1-Dichloroethene
Concen: 48.132 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



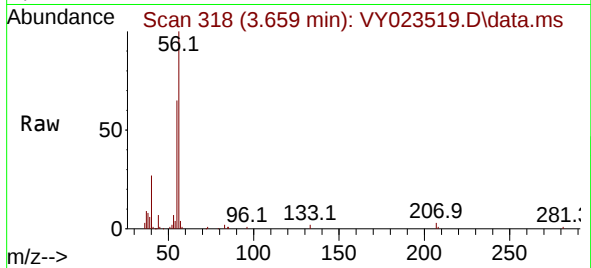
Tgt Ion: 96 Resp: 231218
Ion Ratio Lower Upper
96 100
61 137.9 106.7 160.1
98 62.8 50.2 75.4





#13
Acrolein
Concen: 63.834 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

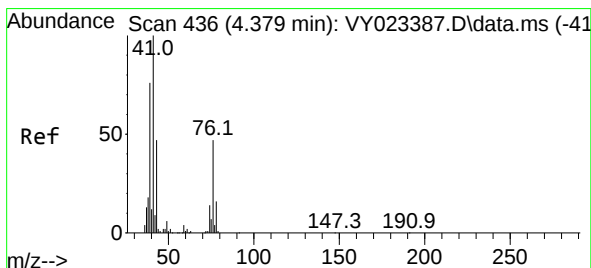
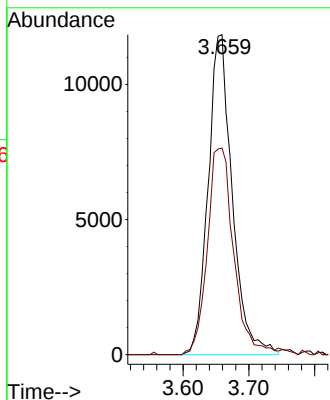
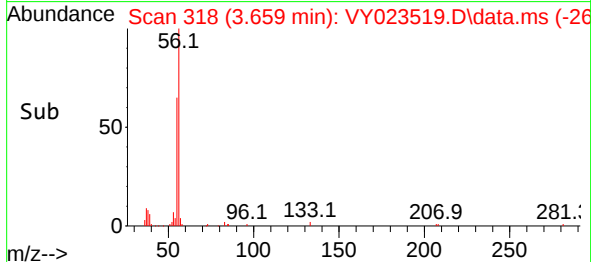
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 30218
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

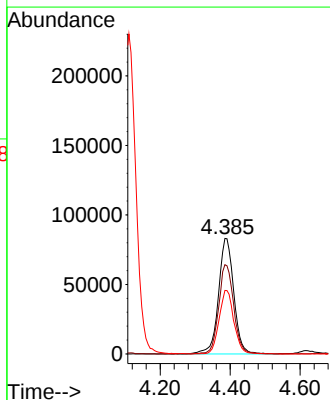
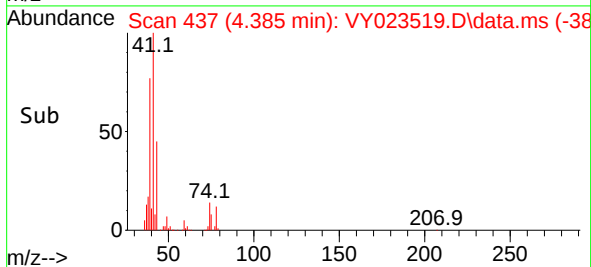
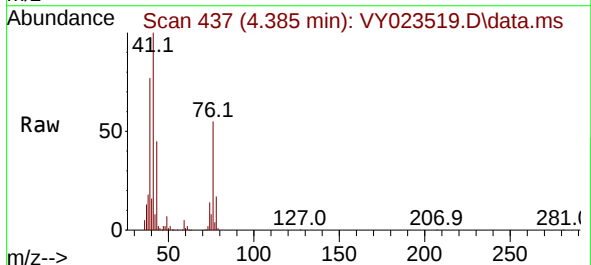
Manual Integrations
APPROVED

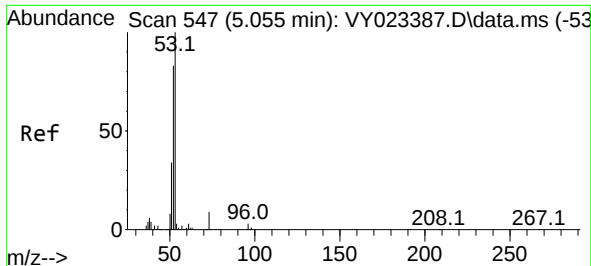
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 43.129 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

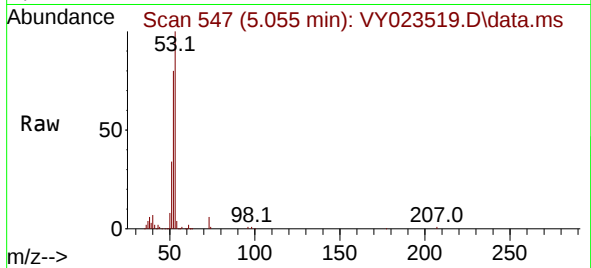
Tgt Ion: 41 Resp: 252501
Ion Ratio Lower Upper
41 100
39 76.1 59.9 89.9
76 52.9 38.0 57.0





#15
Acrylonitrile
Concen: 180.998 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

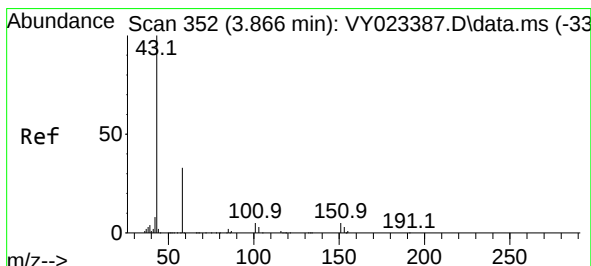
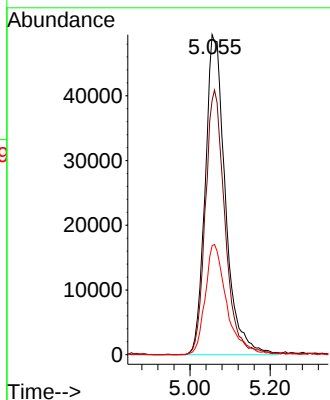
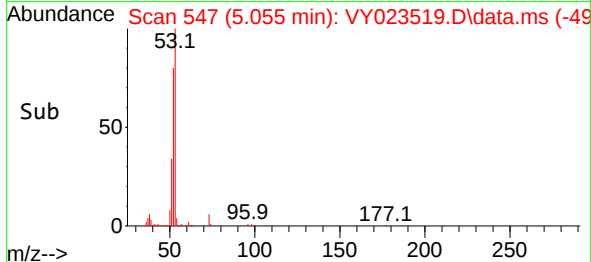
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



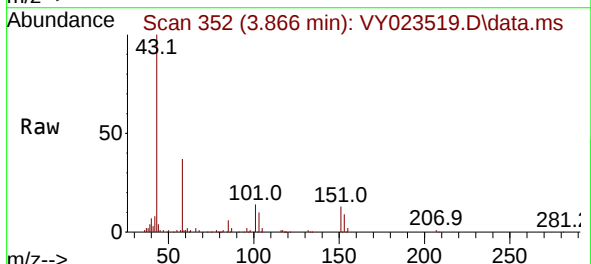
Tgt Ion: 53 Resp: 17284
Ion Ratio Lower Upper
53 100
52 80.2 64.6 97.0
51 36.8 29.5 44.3

Manual Integrations
APPROVED

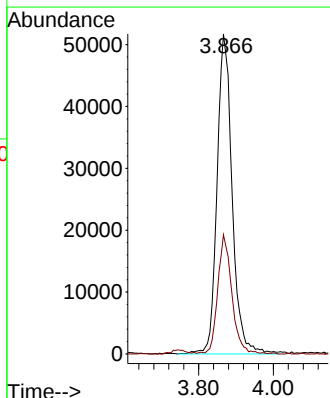
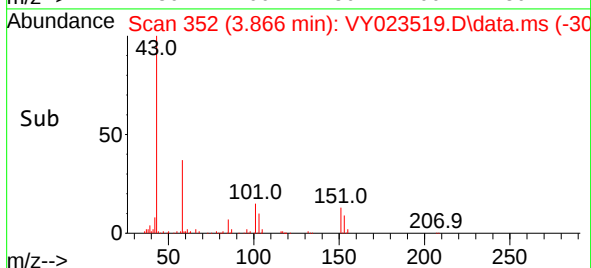
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

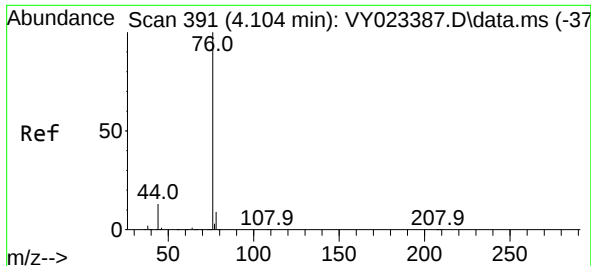


#16
Acetone
Concen: 135.391 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 43 Resp: 145151
Ion Ratio Lower Upper
43 100
58 37.2 27.7 41.5





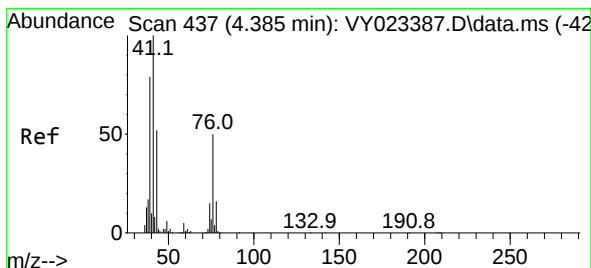
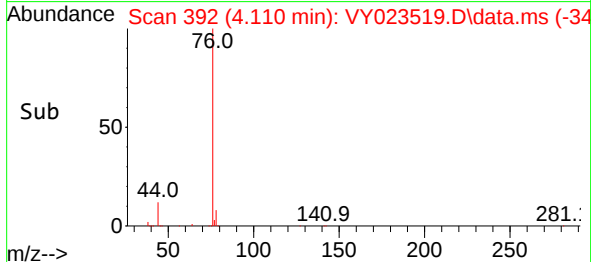
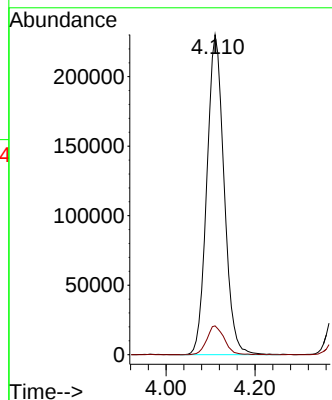
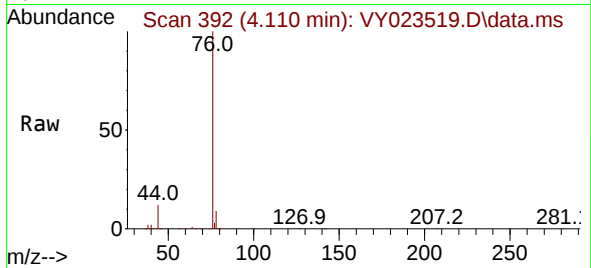
#17
Carbon Disulfide
Concen: 45.152 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 62079
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

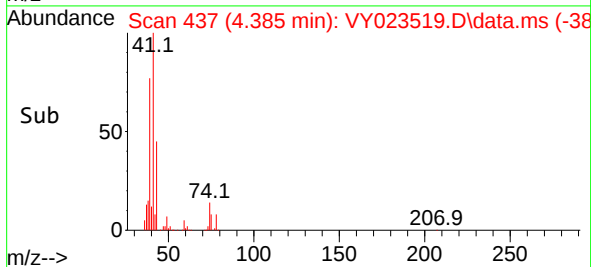
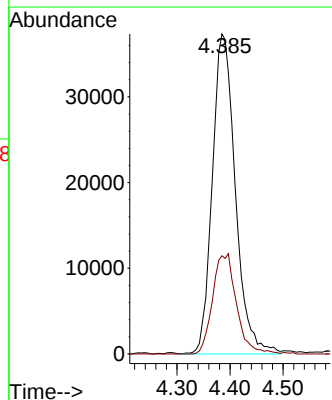
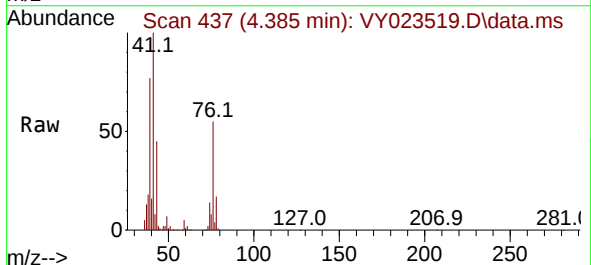
Manual Integrations
APPROVED

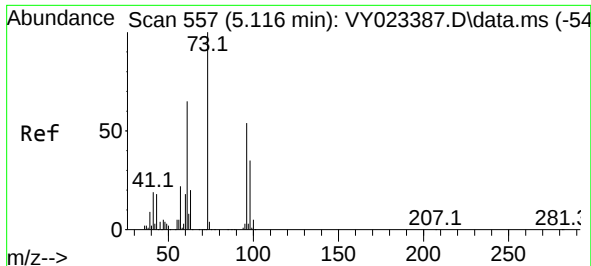
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 40.069 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 43 Resp: 112686
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.4





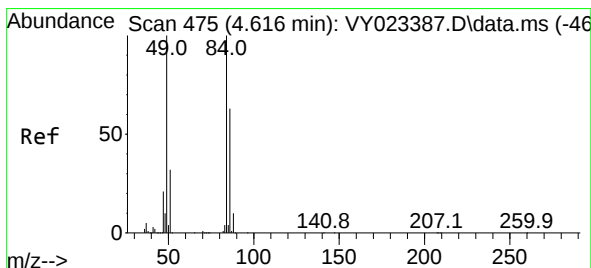
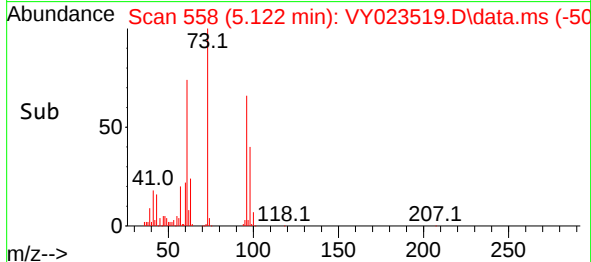
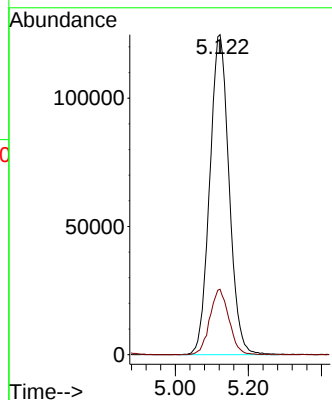
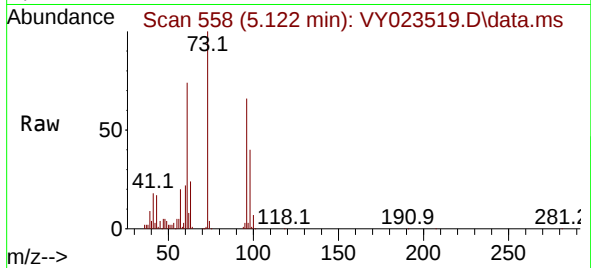
#19
Methyl tert-butyl Ether
Concen: 39.695 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 45830
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0

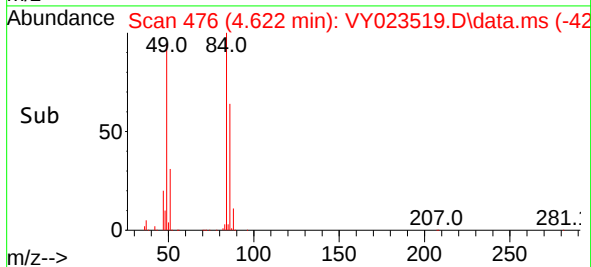
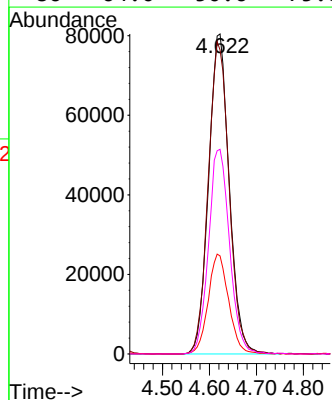
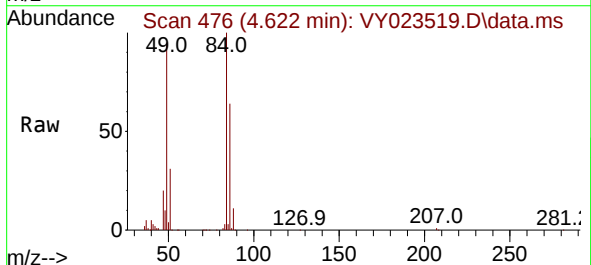
Manual Integrations
APPROVED

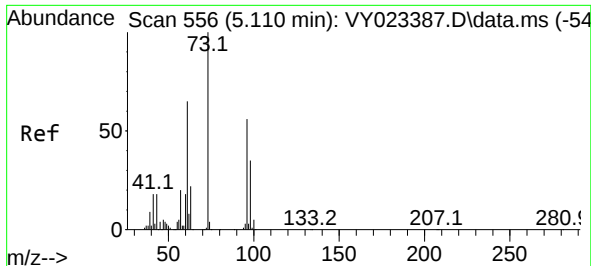
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 42.263 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

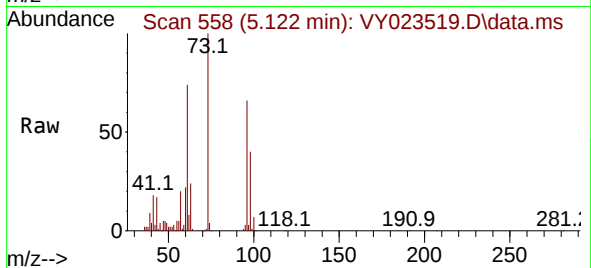
Tgt Ion: 84 Resp: 245008
Ion Ratio Lower Upper
84 100
49 95.0 80.2 120.4
51 30.7 25.9 38.9
86 64.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.011 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

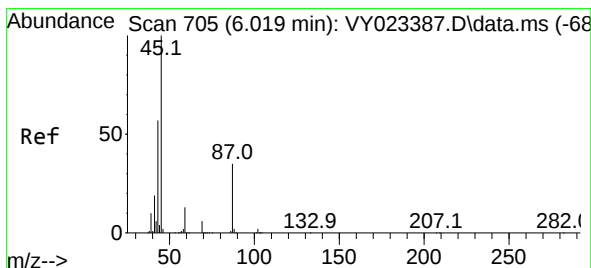
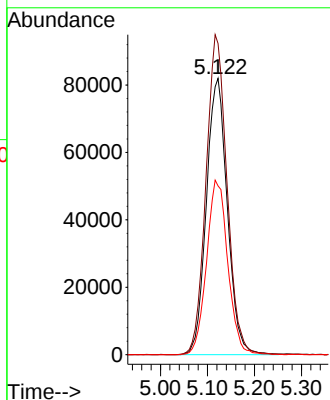
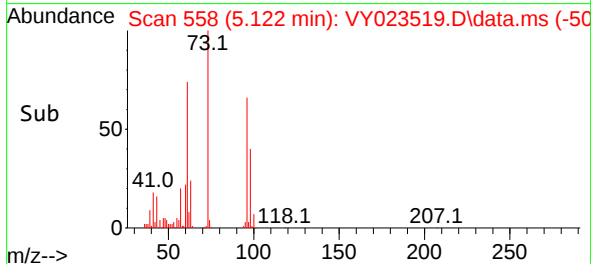
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 25392
Ion Ratio Lower Upper
96 100
61 112.5 92.7 139.1
98 61.1 49.7 74.5

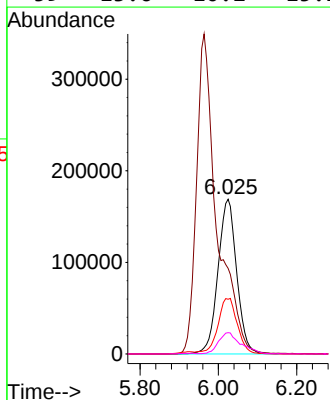
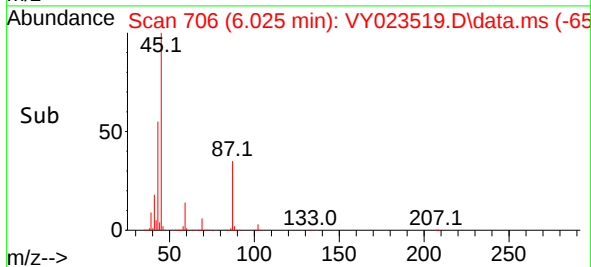
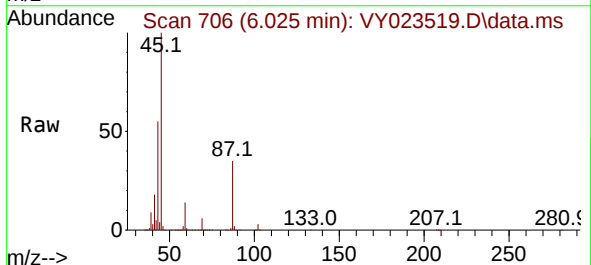
Manual Integrations
APPROVED

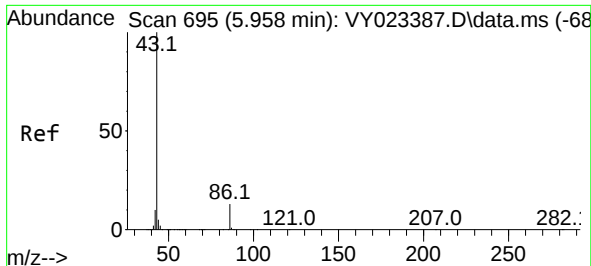
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 43.382 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

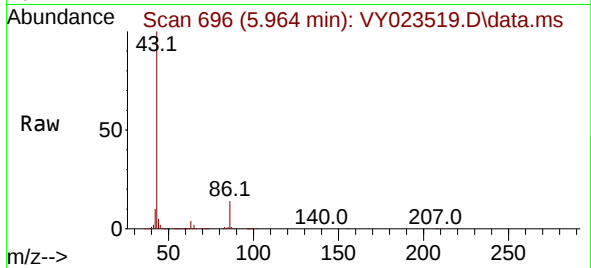
Tgt Ion: 45 Resp: 561794
Ion Ratio Lower Upper
45 100
43 55.1 45.6 68.4
87 35.3 28.1 42.1
59 13.6 10.2 15.2





#23
 Vinyl Acetate
 Concen: 180.880 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

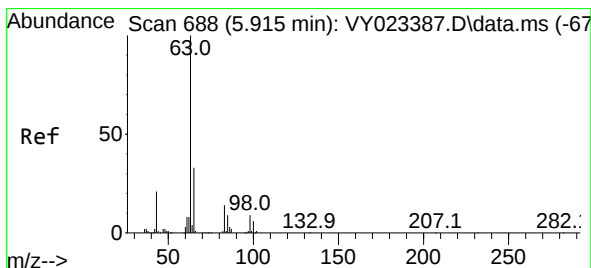
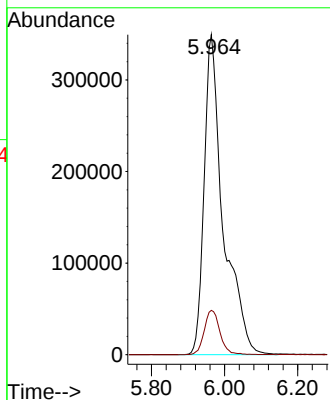
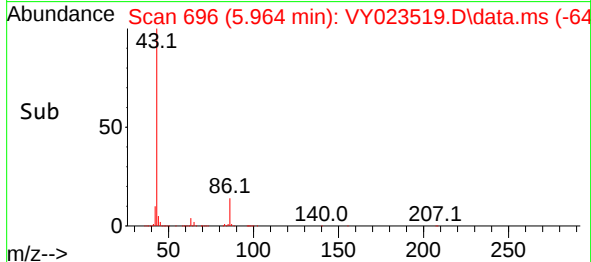
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



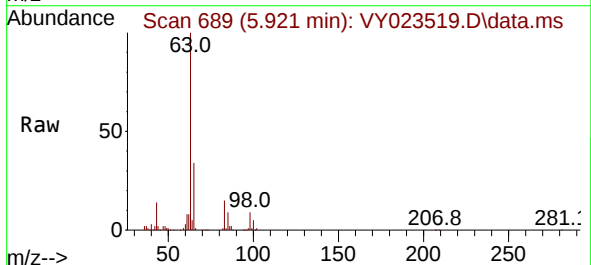
Tgt Ion: 43 Resp: 1267884
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8

Manual Integrations
 APPROVED

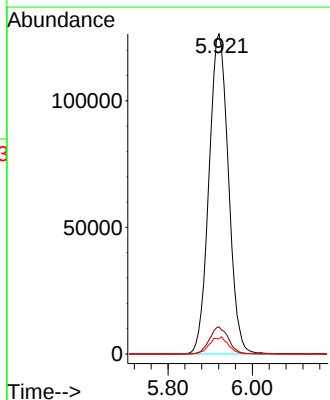
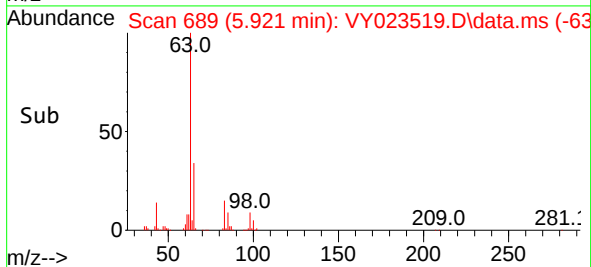
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

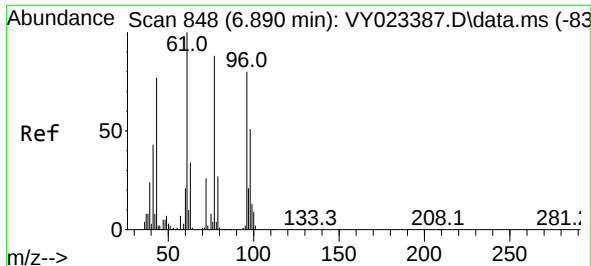


#24
 1,1-Dichloroethane
 Concen: 47.173 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28



Tgt Ion: 63 Resp: 404661
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 4.8 2.8 8.4





#25

2-Butanone

Concen: 146.685 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 19198

Ion Ratio Lower Upper

43 100

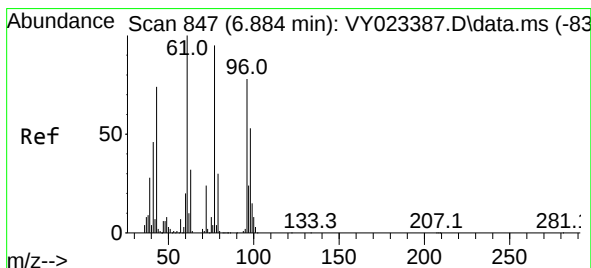
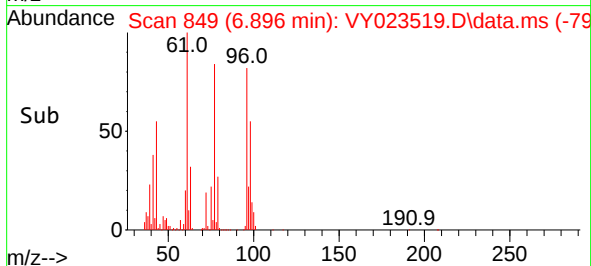
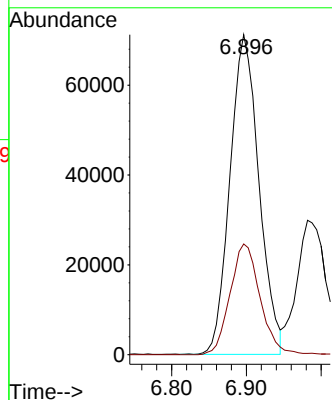
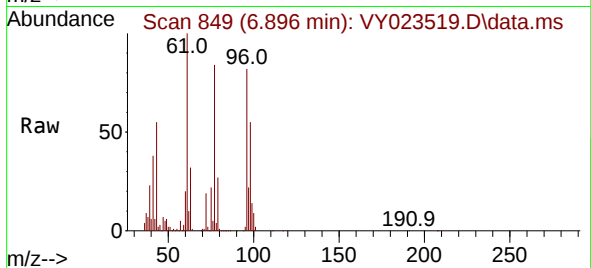
72 34.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#26

2,2-Dichloropropane

Concen: 45.271 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023519.D

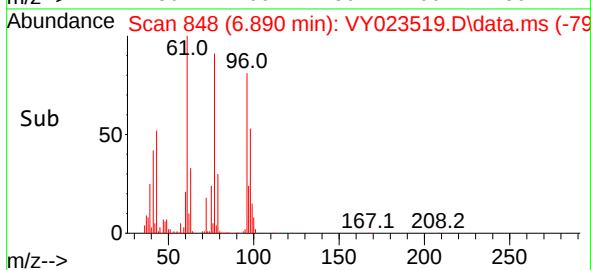
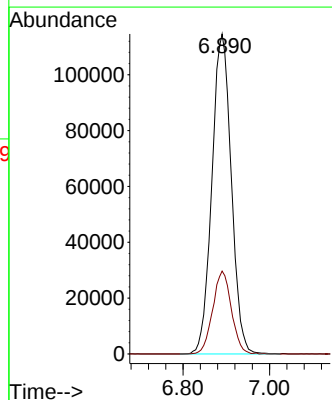
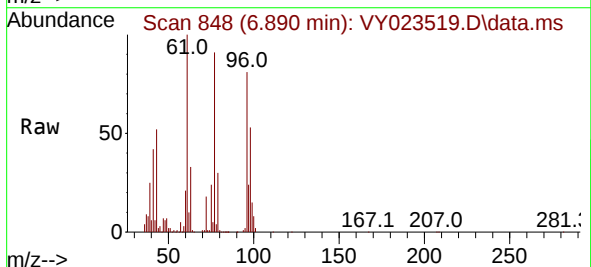
Acq: 20 Oct 2025 19:28

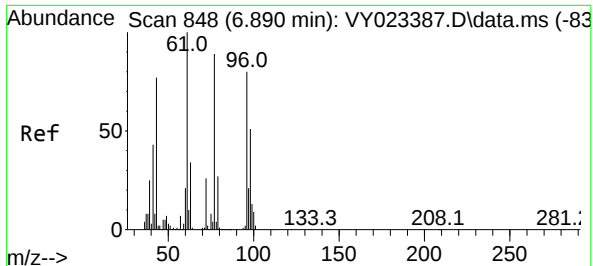
Tgt Ion: 77 Resp: 356335

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.028 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023519.D

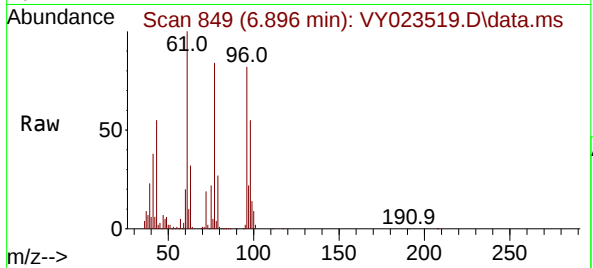
Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 29341

Ion Ratio Lower Upper

96 100

61 122.7 0.0 258.2

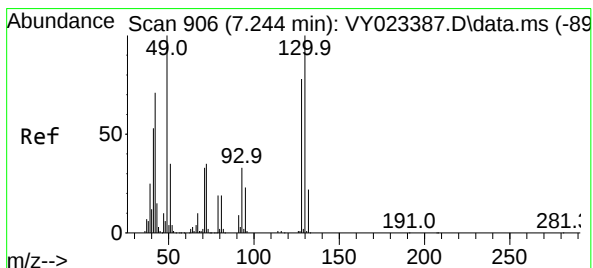
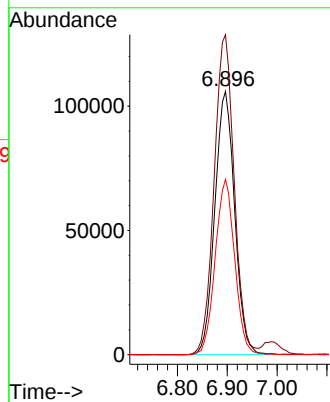
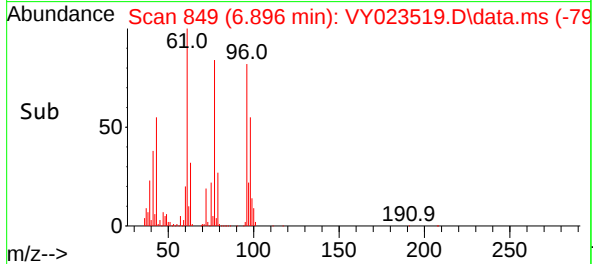
98 65.4 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

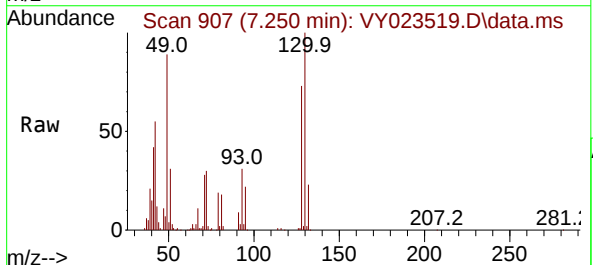
Concen: 39.109 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28



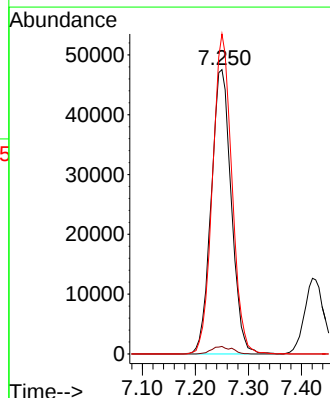
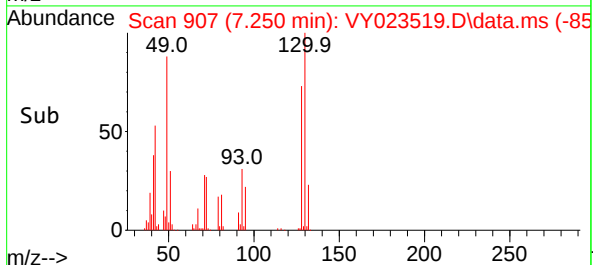
Tgt Ion: 49 Resp: 125241

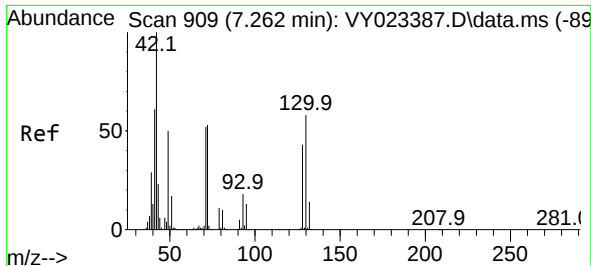
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 108.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 158.657 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 117750

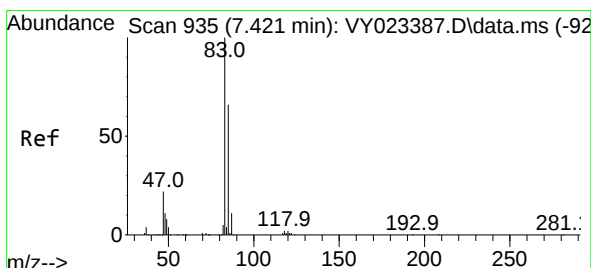
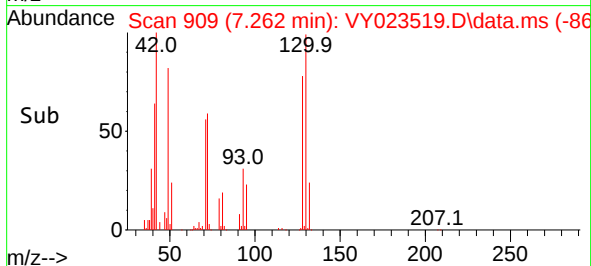
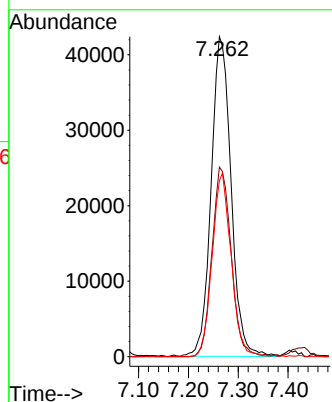
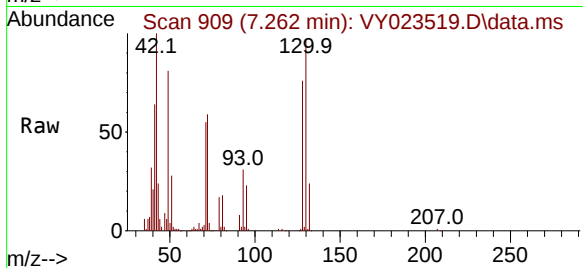
Ion	Ratio	Lower	Upper
42	100		
72	57.2	43.0	64.6
71	54.4	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 47.939 ug/l

RT: 7.427 min Scan# 936

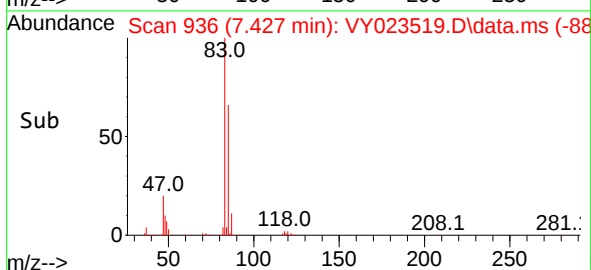
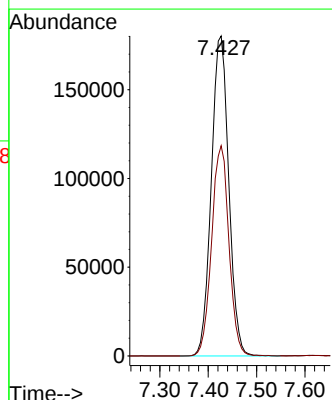
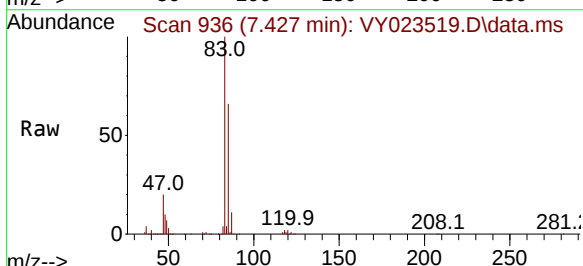
Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion: 83 Resp: 451818

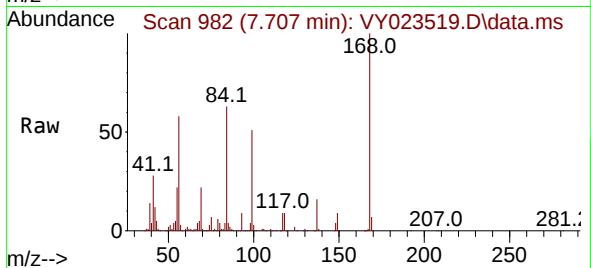
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7





#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

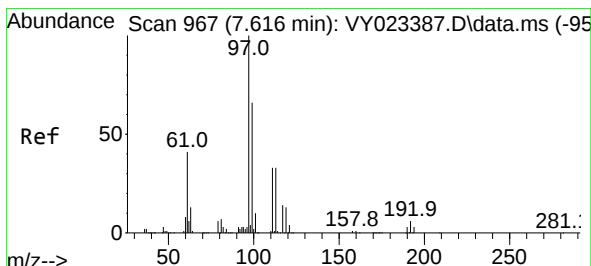
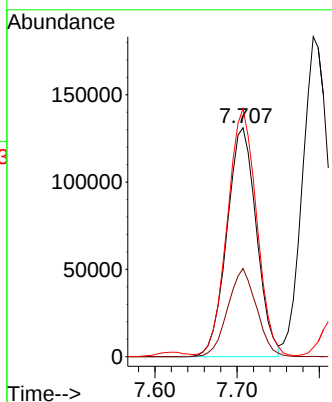
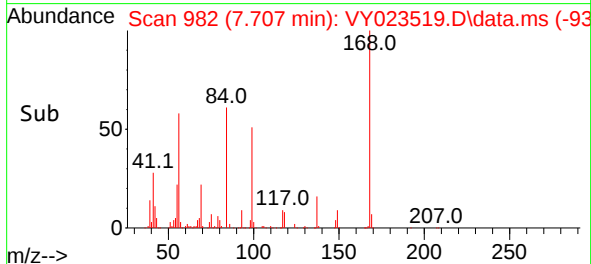
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



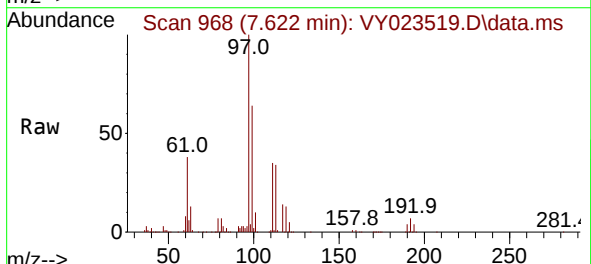
Tgt Ion: 56 Resp: 32779
Ion Ratio Lower Upper
56 100
69 38.5 30.0 45.0
84 106.4 81.2 121.8

Manual Integrations
APPROVED

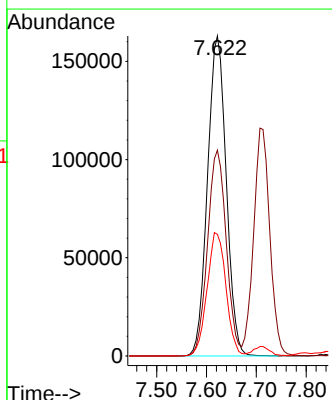
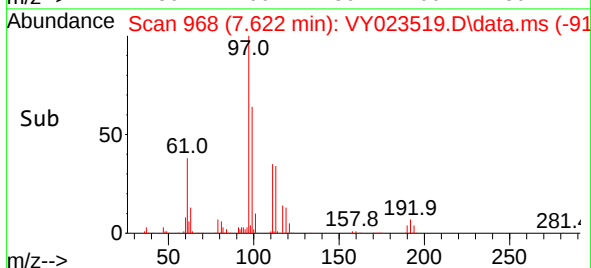
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 49.617 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



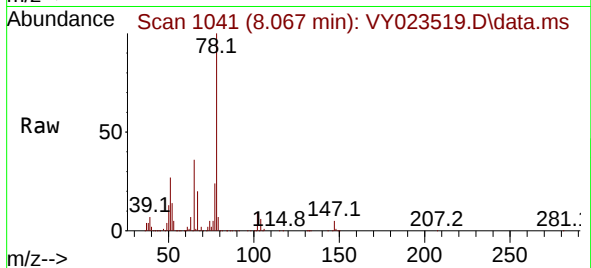
Tgt Ion: 97 Resp: 424963
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 39.0 31.9 47.9





#33
1,2-Dichloroethane-d4
Concen: 41.691 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

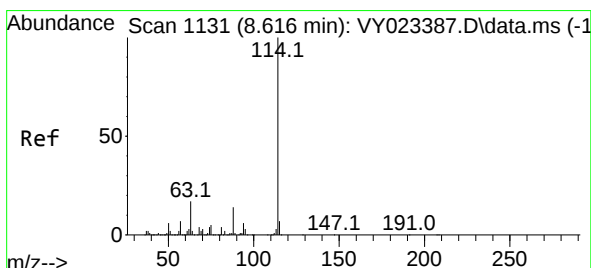
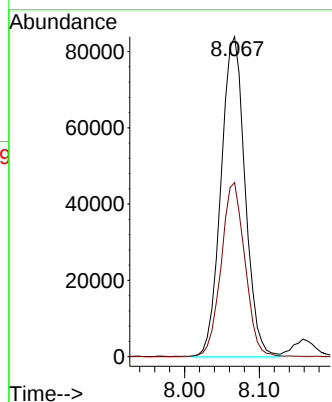
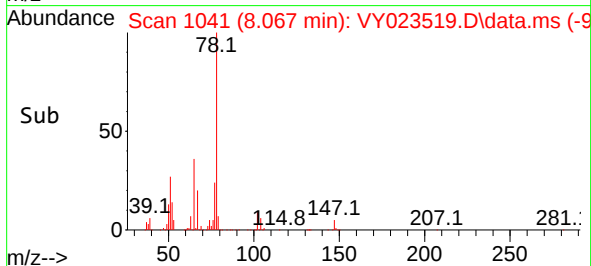
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



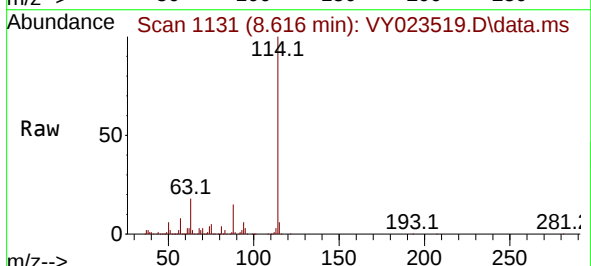
Tgt Ion: 65 Resp: 187740
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8

Manual Integrations
APPROVED

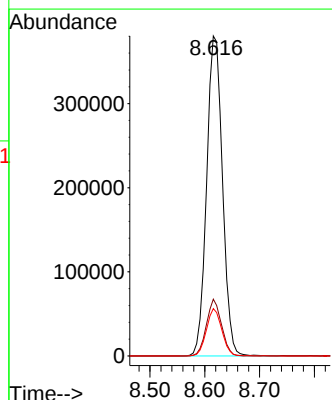
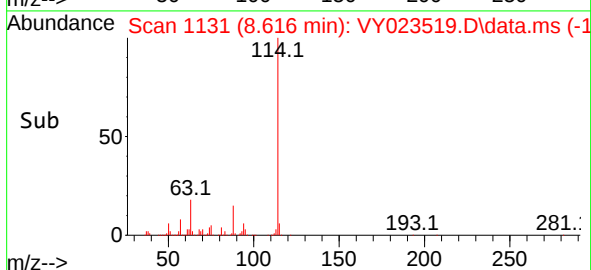
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

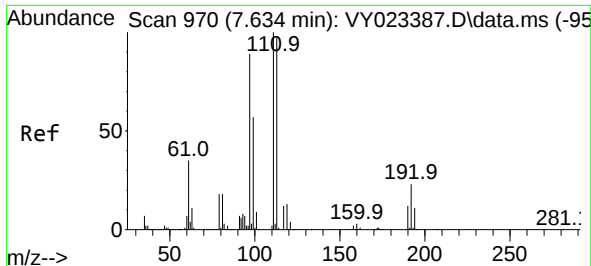


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



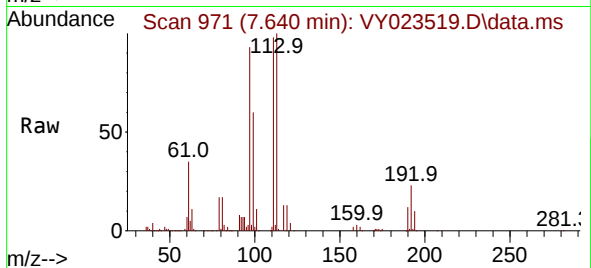
Tgt Ion:114 Resp: 761861
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.2
88 14.8 0.0 28.4





#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

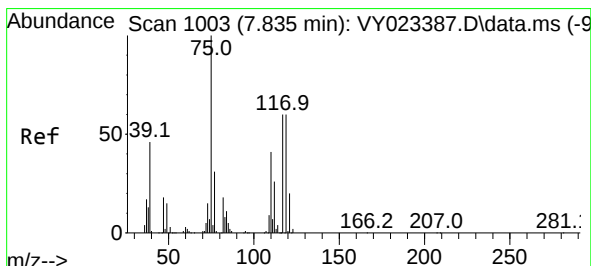
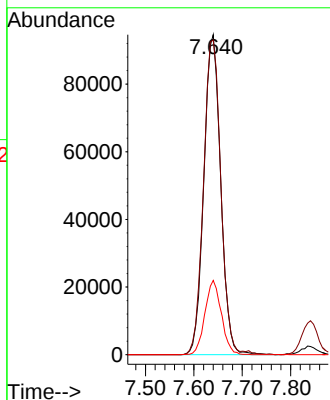
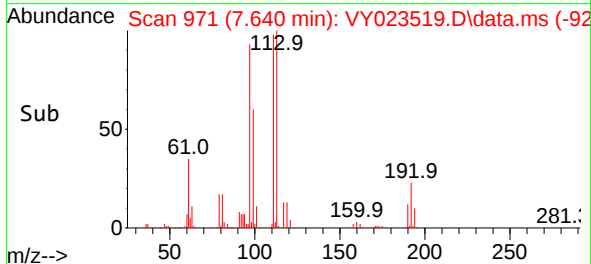
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



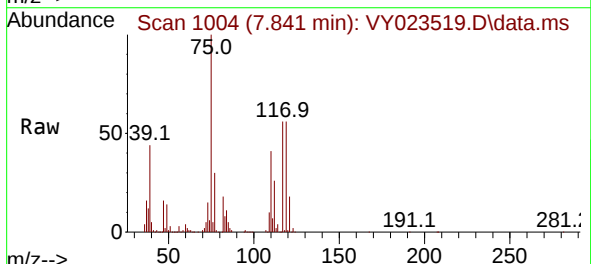
Tgt Ion: 113 Resp: 22854
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 22.7 18.0 27.0

Manual Integrations
APPROVED

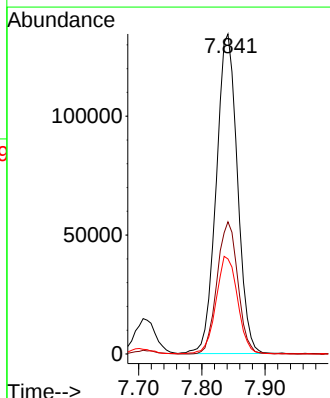
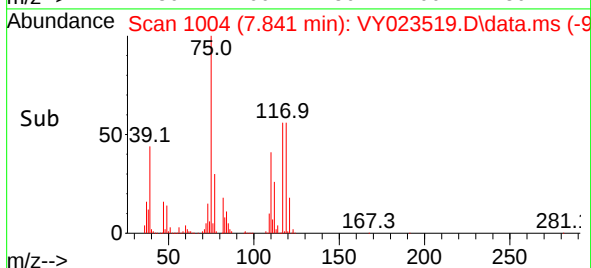
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

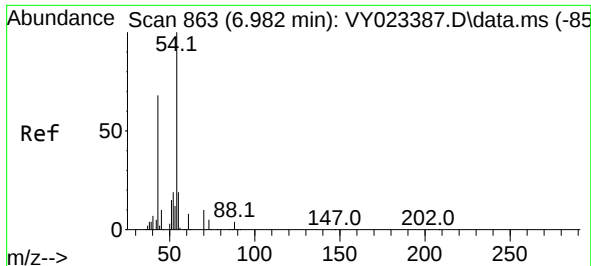


#36
1,1-Dichloropropene
Concen: 50.312 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 75 Resp: 311808
Ion Ratio Lower Upper
75 100
110 40.6 19.9 59.7
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 34.648 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 85072

Ion Ratio Lower Upper

43 100

61 15.5 11.8 17.8

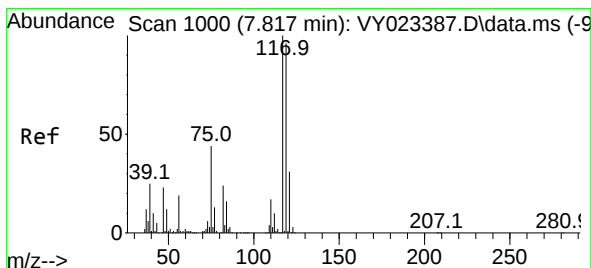
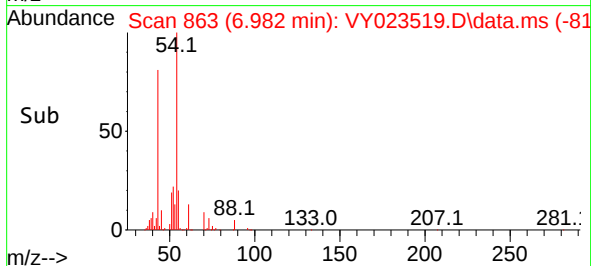
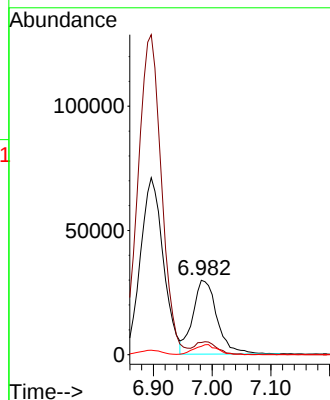
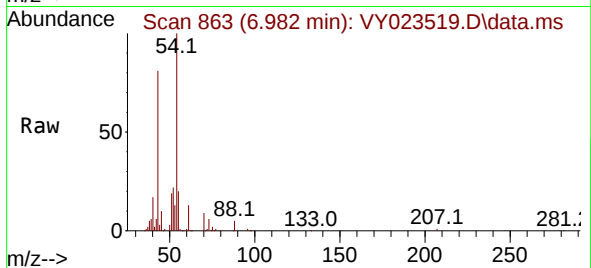
70 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 51.434 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

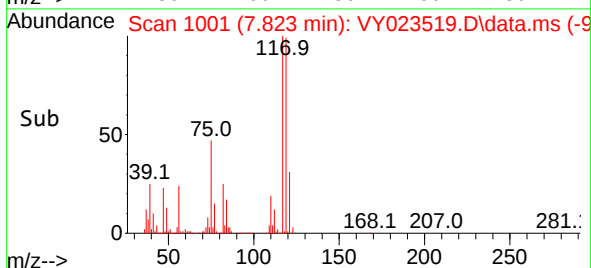
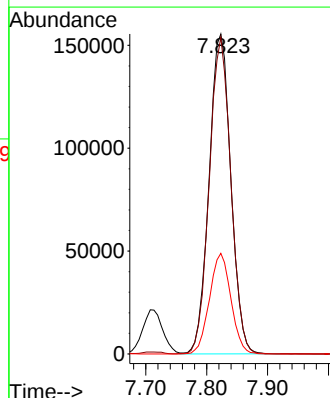
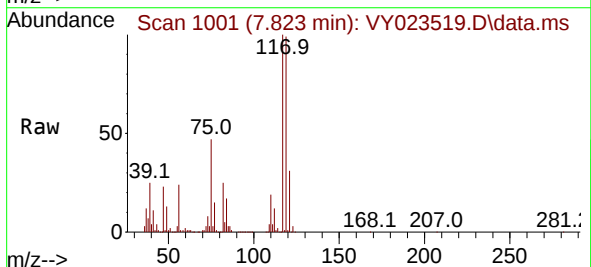
Tgt Ion:117 Resp: 386518

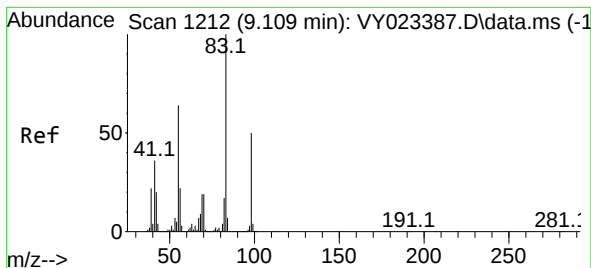
Ion Ratio Lower Upper

117 100

119 99.0 76.8 115.2

121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 50.883 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 41059

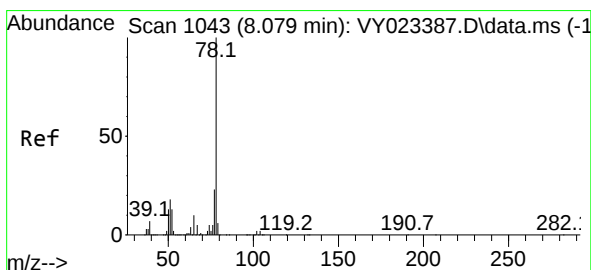
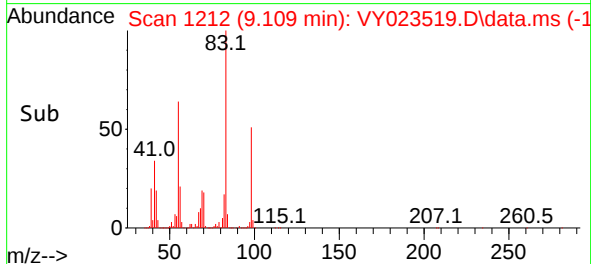
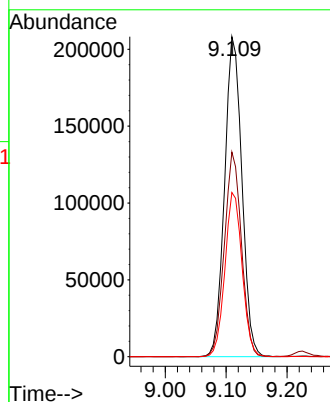
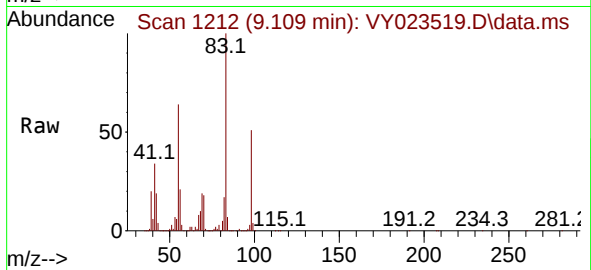
Ion	Ratio	Lower	Upper
83	100		
55	63.9	51.4	77.2
98	51.3	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#40

Benzene

Concen: 49.833 ug/l

RT: 8.085 min Scan# 1044

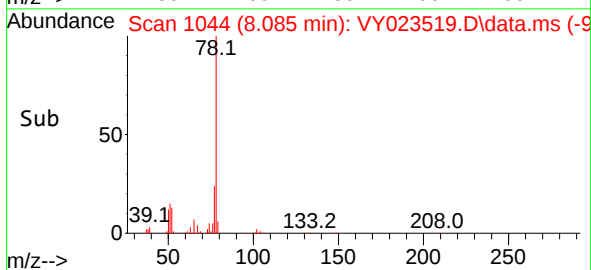
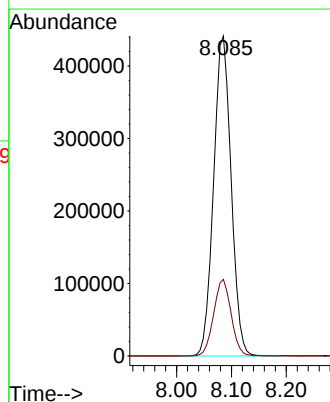
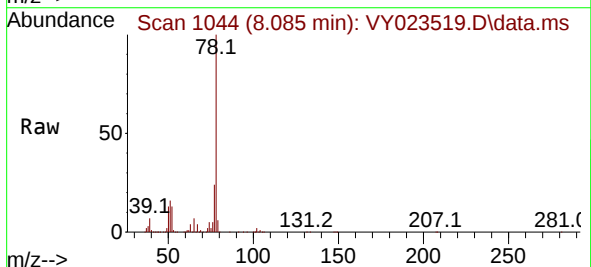
Delta R.T. 0.006 min

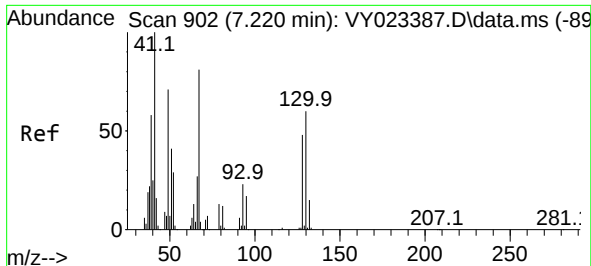
Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion: 78 Resp: 978074

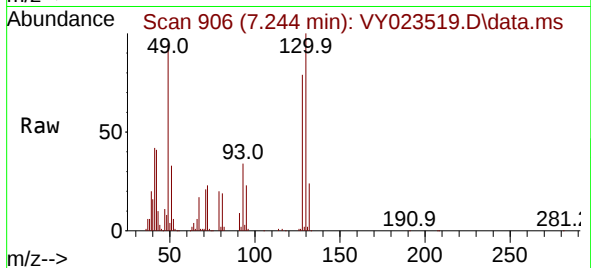
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





#41
Methacrylonitrile
Concen: 42.332 ug/l m
RT: 7.244 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

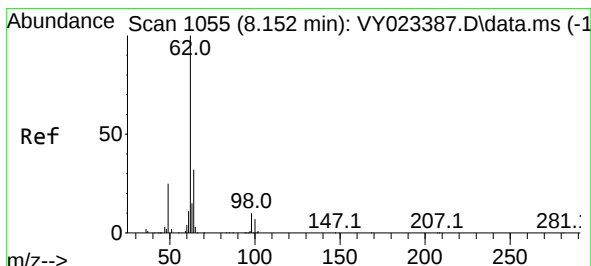
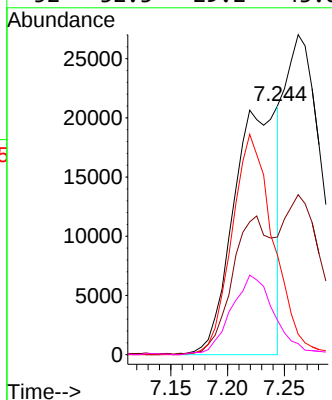
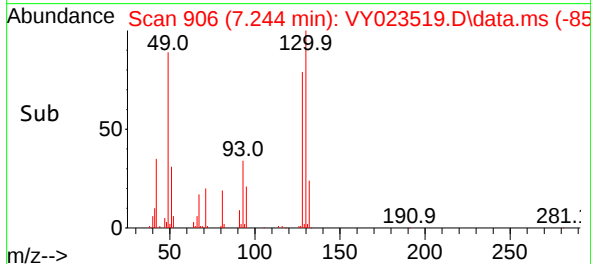
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5621
Ion Ratio Lower Upper
41 100
39 47.1 52.2 78.4
67 84.5 74.9 112.3
52 32.3 29.2 43.8

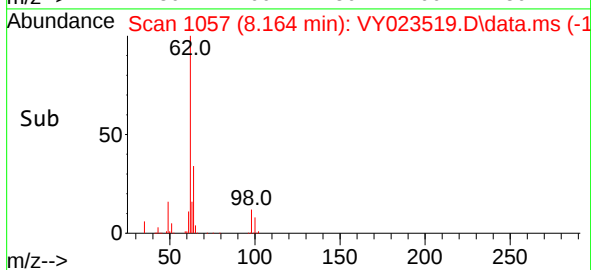
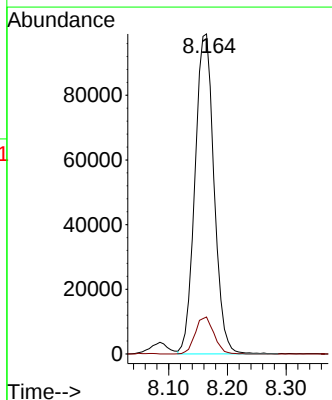
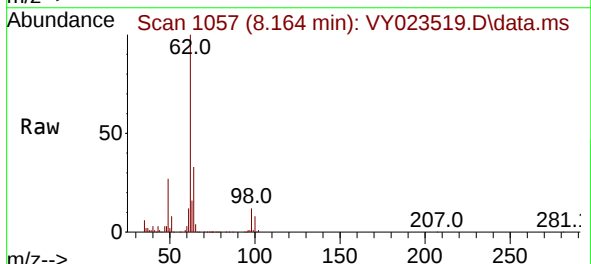
Manual Integrations
APPROVED

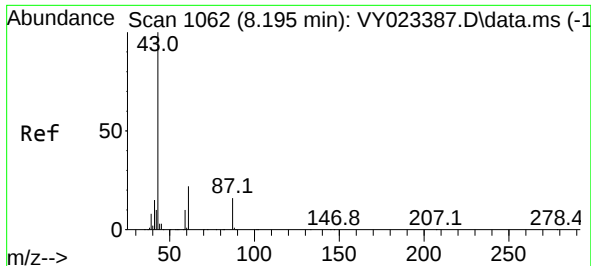
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 43.993 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

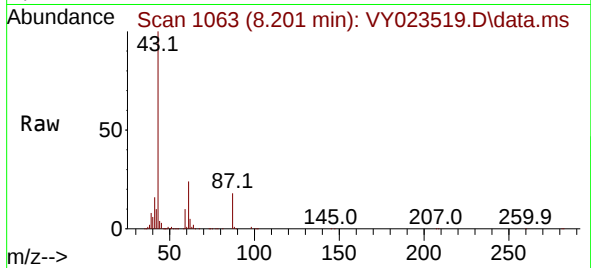
Tgt Ion: 62 Resp: 222684
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6





#43
Isopropyl Acetate
Concen: 35.708 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

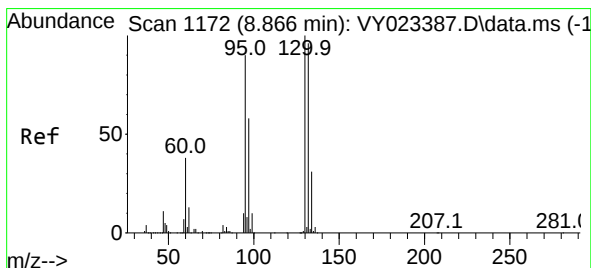
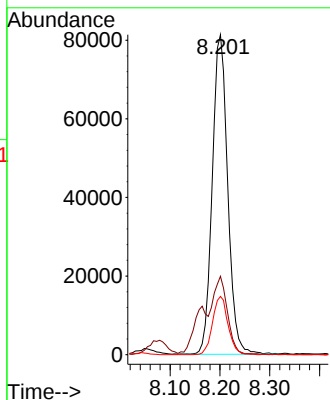
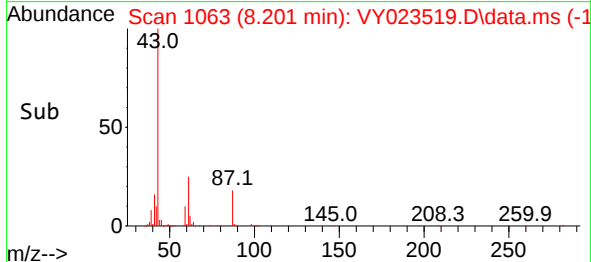
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



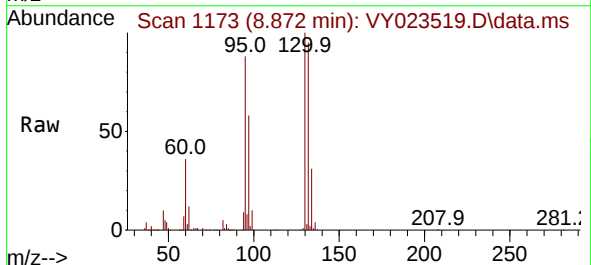
Tgt Ion: 43 Resp: 17482
Ion Ratio Lower Upper
43 100
61 23.4 18.1 27.1
87 18.2 13.5 20.3

Manual Integrations
APPROVED

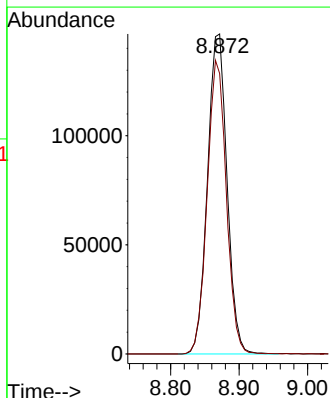
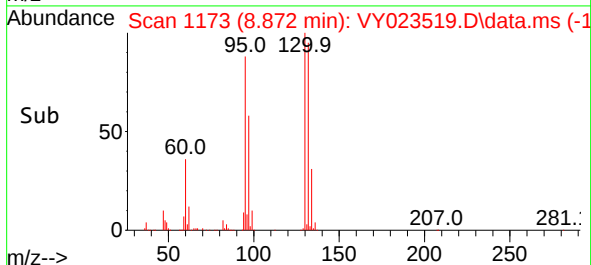
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

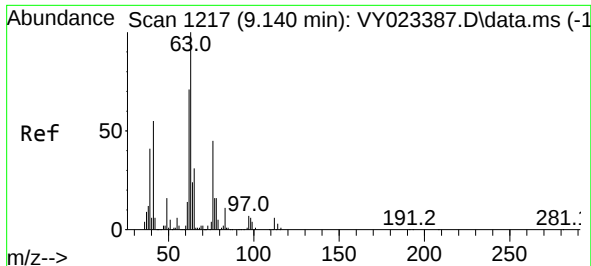


#44
Trichloroethene
Concen: 50.684 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion:130 Resp: 291160
Ion Ratio Lower Upper
130 100
95 87.7 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.090 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 212814

Ion Ratio Lower Upper

63 100

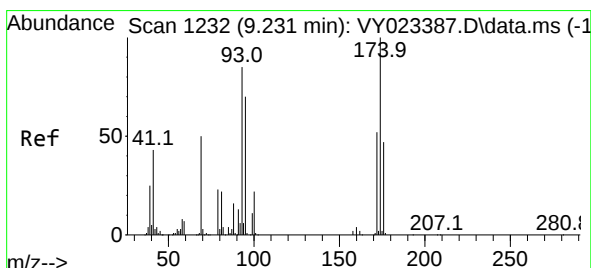
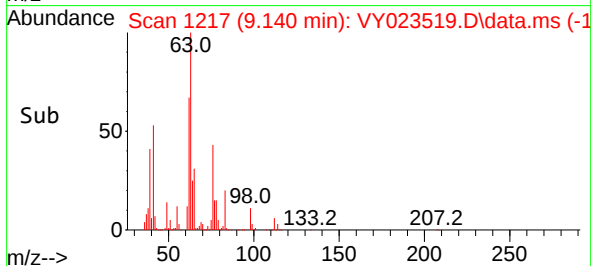
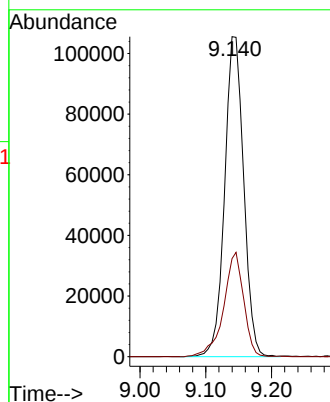
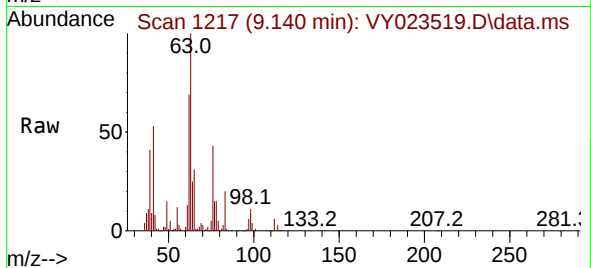
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 44.906 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

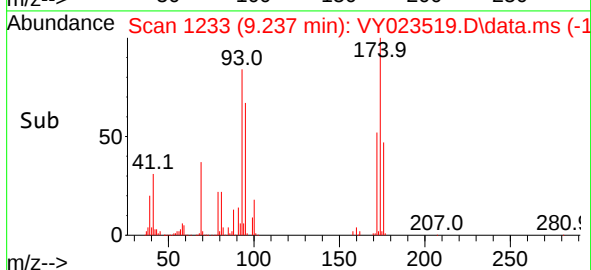
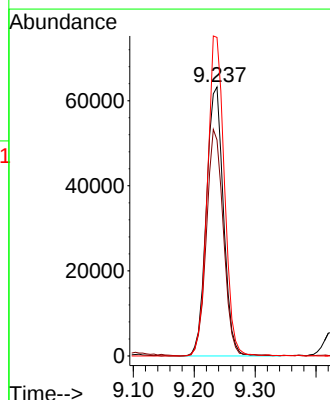
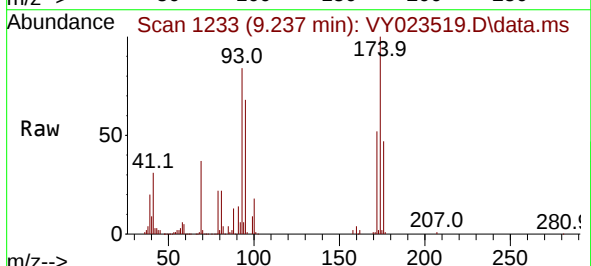
Tgt Ion: 93 Resp: 123099

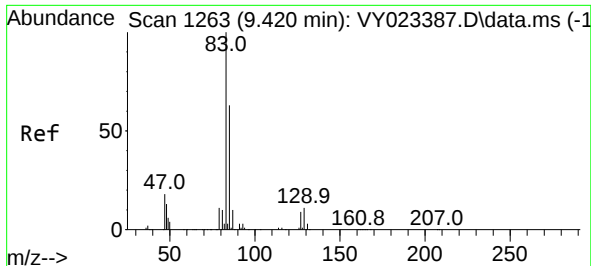
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

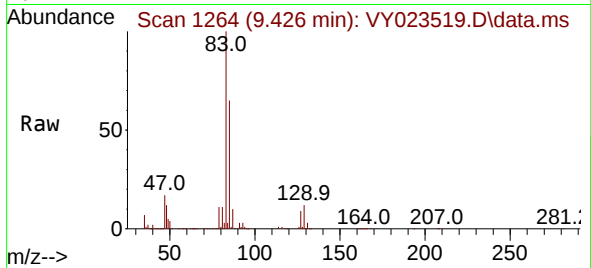
174 117.9 92.9 139.3





#47
Bromodichloromethane
Concen: 48.477 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

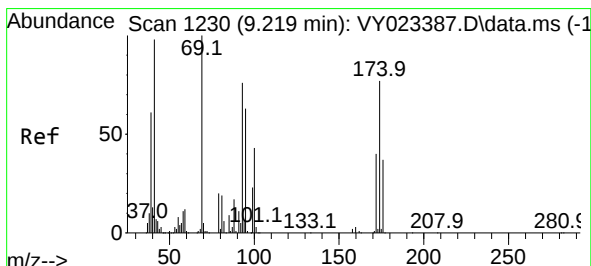
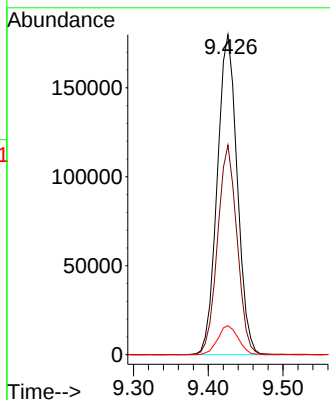
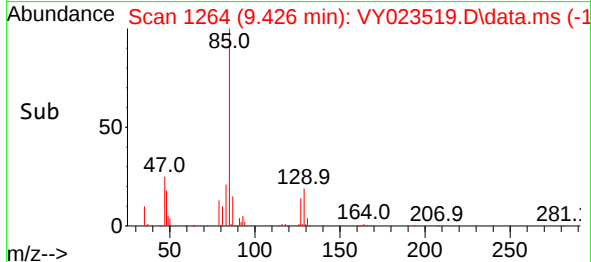
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 33468
Ion Ratio Lower Upper
83 100
85 65.5 50.8 76.2
127 9.0 7.4 11.2

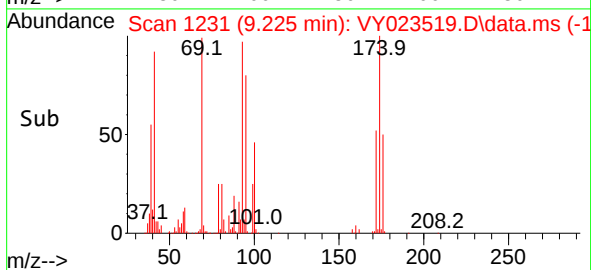
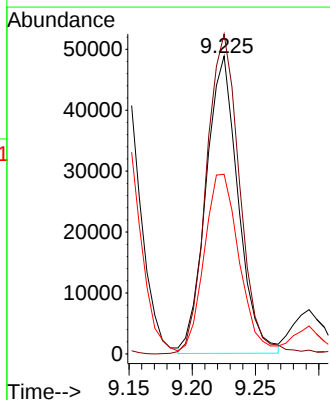
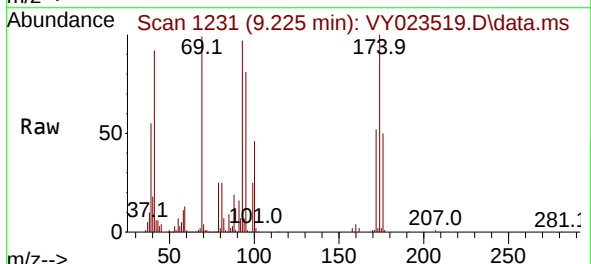
Manual Integrations
APPROVED

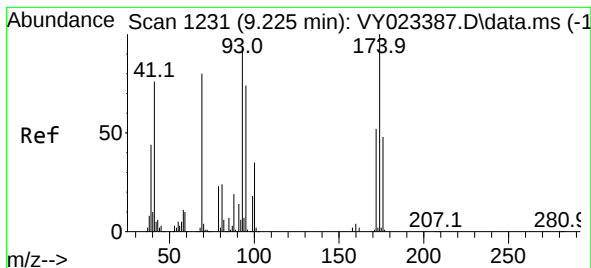
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 37.643 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion: 41 Resp: 86581
Ion Ratio Lower Upper
41 100
69 111.3 81.0 121.4
39 63.6 48.2 72.4





#49

1,4-Dioxane

Concen: 732.255 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2327

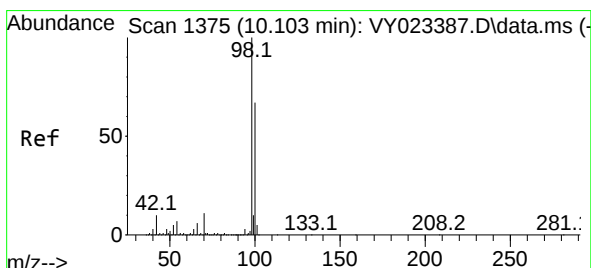
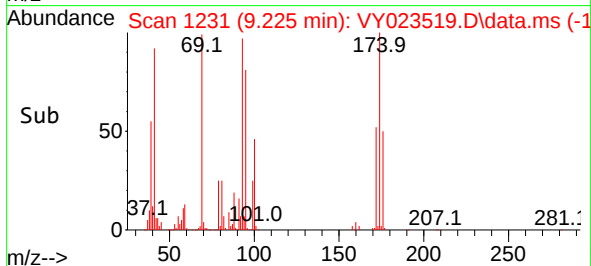
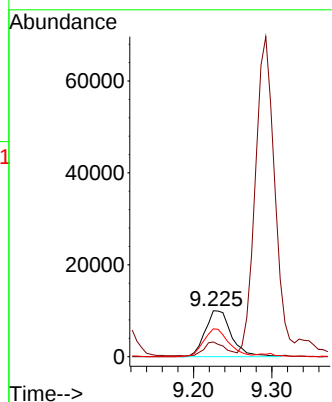
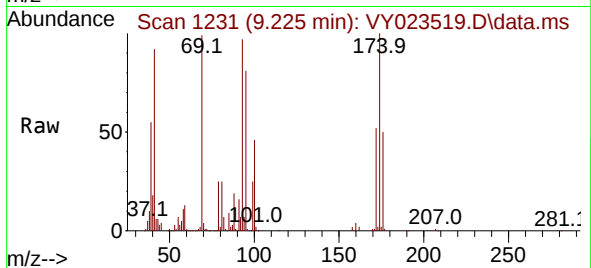
Ion	Ratio	Lower	Upper
88	100		
43	24.8	21.8	32.8
58	58.1	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 49.591 ug/l

RT: 10.109 min Scan# 1376

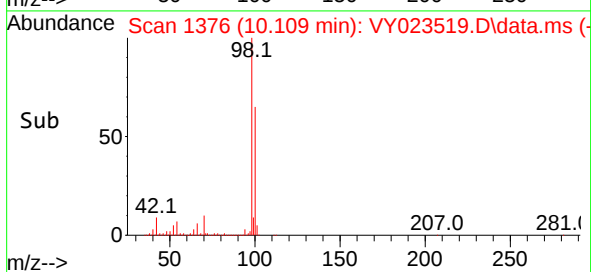
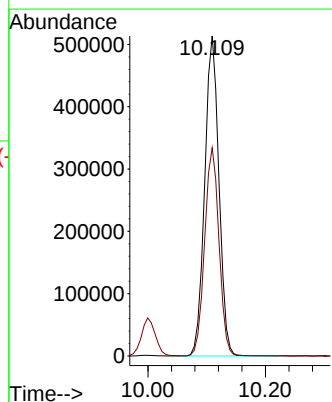
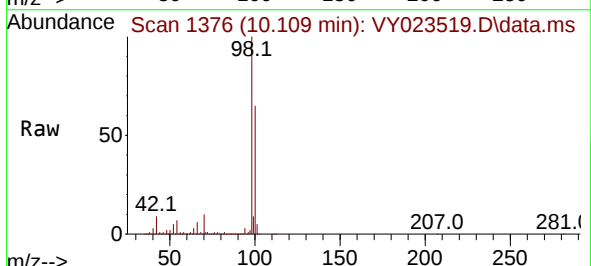
Delta R.T. 0.006 min

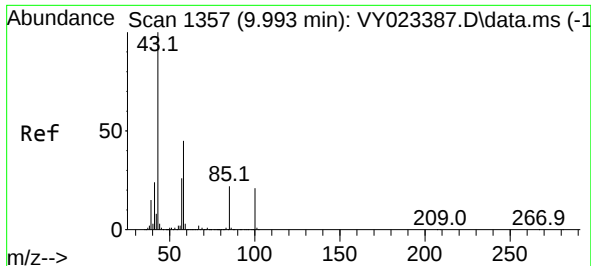
Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion: 98 Resp: 864554

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 178.593 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 451758

Ion Ratio Lower Upper

43 100

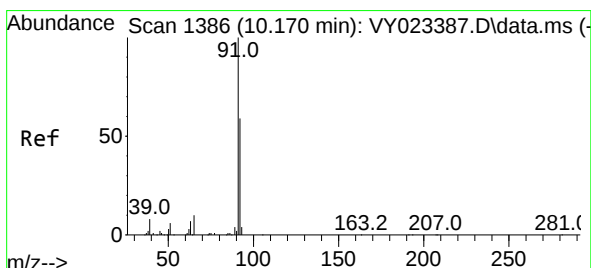
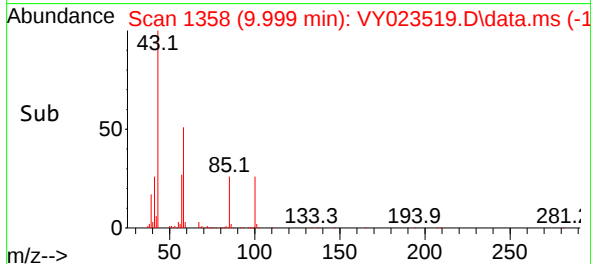
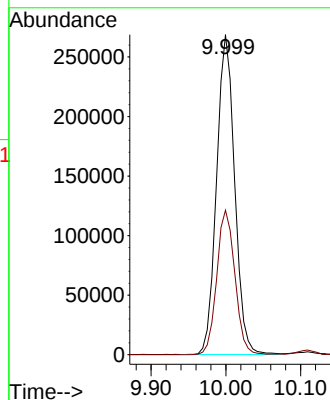
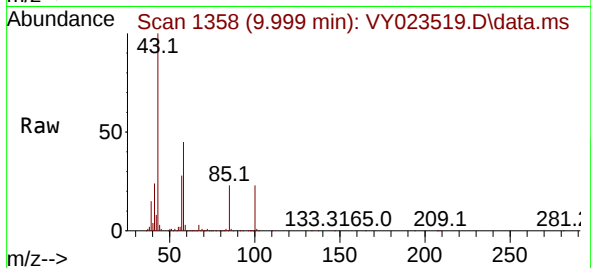
58 45.3 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#52

Toluene

Concen: 51.058 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023519.D

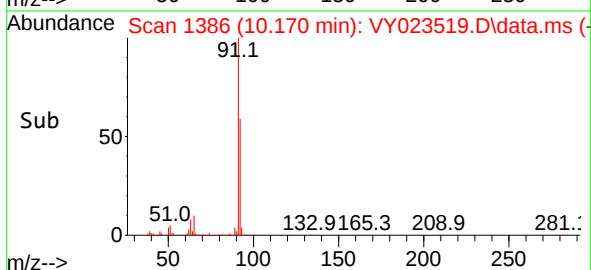
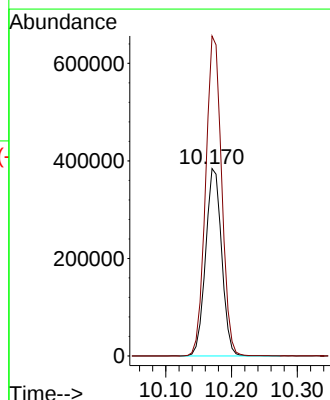
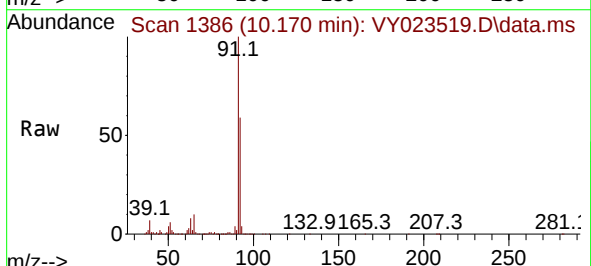
Acq: 20 Oct 2025 19:28

Tgt Ion: 92 Resp: 650663

Ion Ratio Lower Upper

92 100

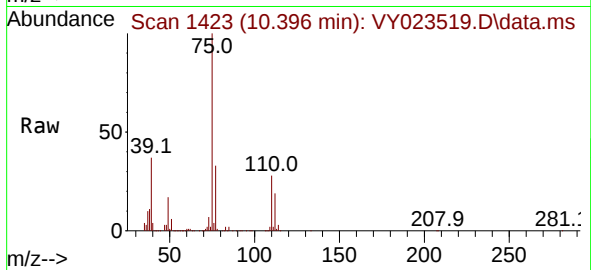
91 170.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 44.193 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

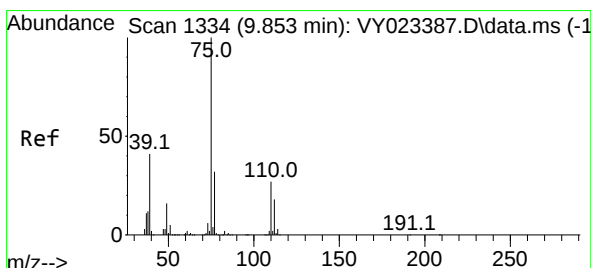
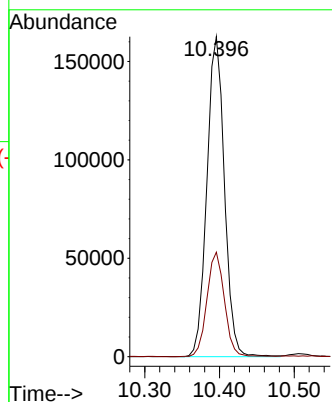
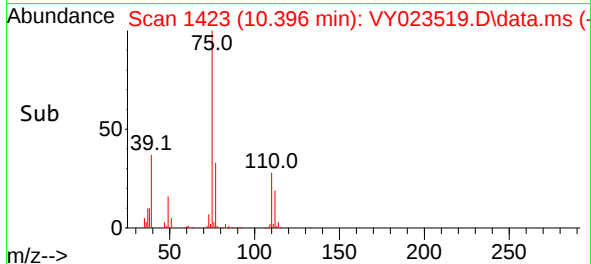
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 26529
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

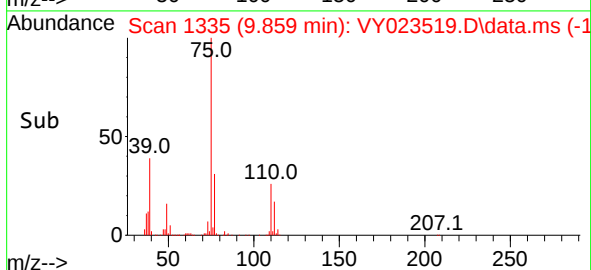
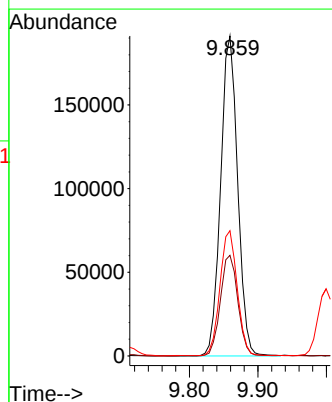
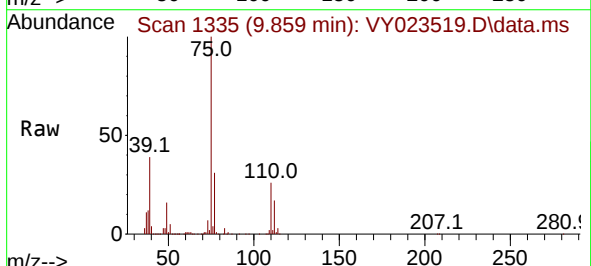
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#54
cis-1,3-Dichloropropene
Concen: 46.362 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

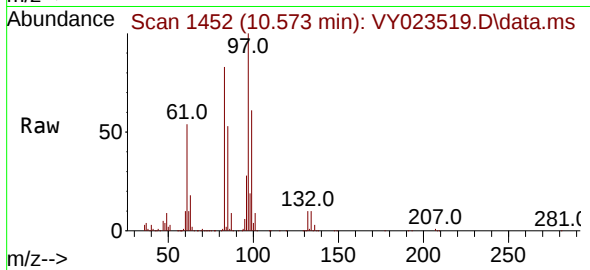
Tgt Ion: 75 Resp: 328473
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 39.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 45.289 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

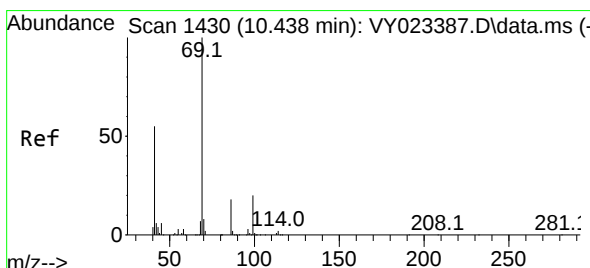
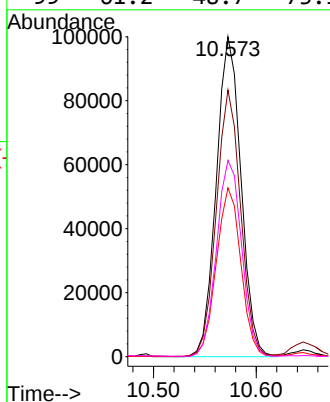
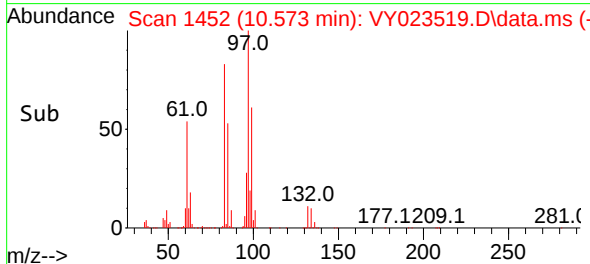
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



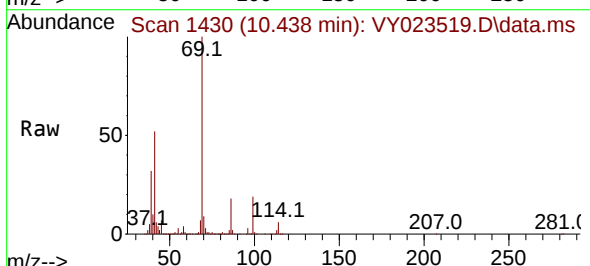
Tgt Ion: 97 Resp: 166949
Ion Ratio Lower Upper
97 100
83 83.2 61.8 92.6
85 52.8 41.3 61.9
99 61.2 48.7 73.1

Manual Integrations
APPROVED

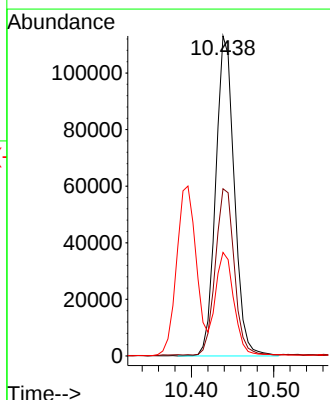
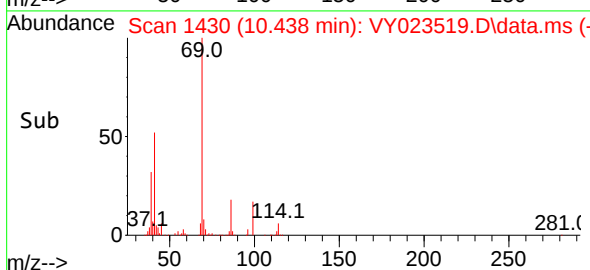
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

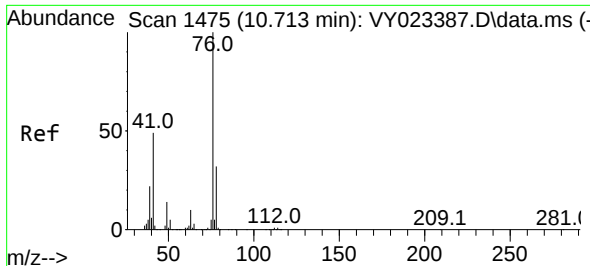


#56
Ethyl methacrylate
Concen: 41.822 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 69 Resp: 177834
Ion Ratio Lower Upper
69 100
41 52.7 44.6 67.0
39 31.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 44.882 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 262169

Ion Ratio Lower Upper

76 100

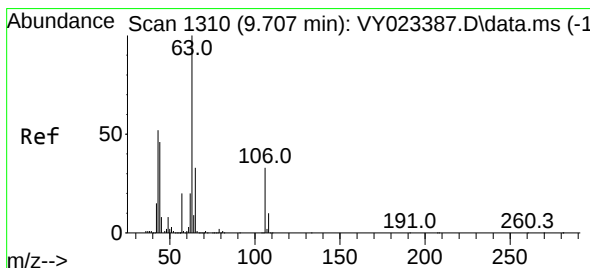
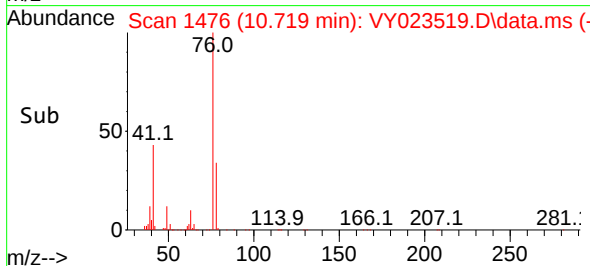
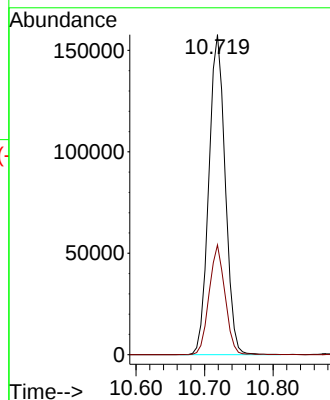
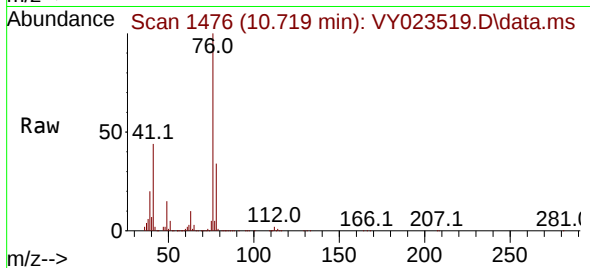
78 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 224.160 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023519.D

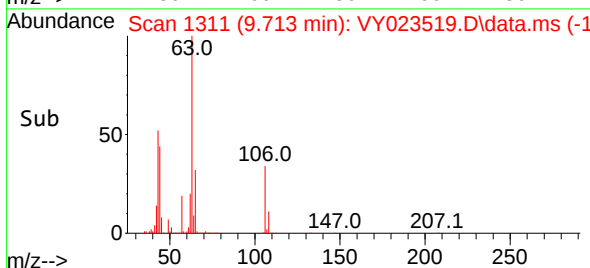
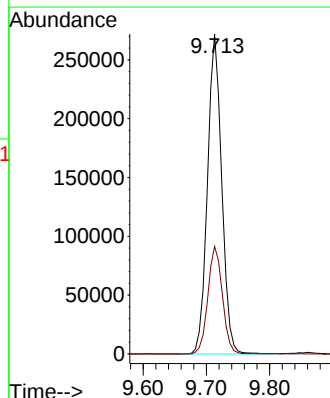
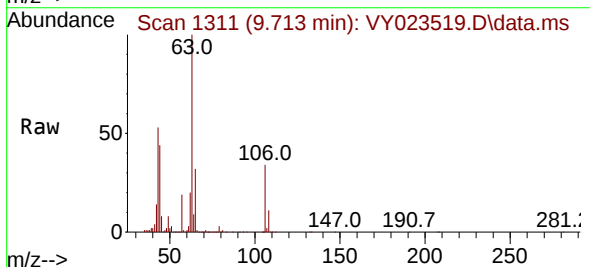
Acq: 20 Oct 2025 19:28

Tgt Ion: 63 Resp: 426994

Ion Ratio Lower Upper

63 100

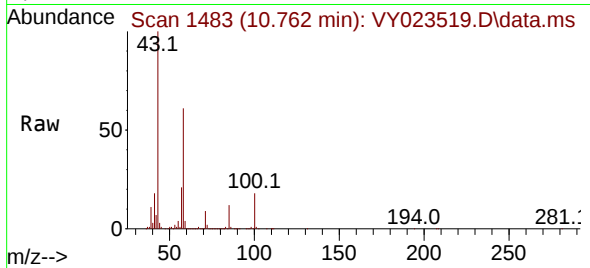
106 34.2 26.6 39.8





#59
2-Hexanone
Concen: 162.741 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

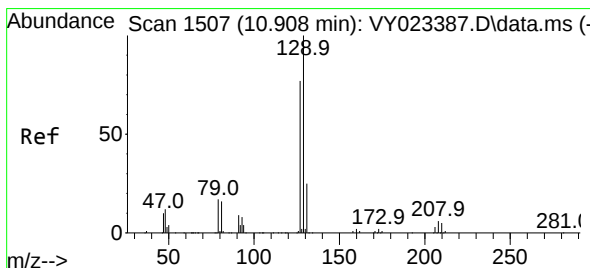
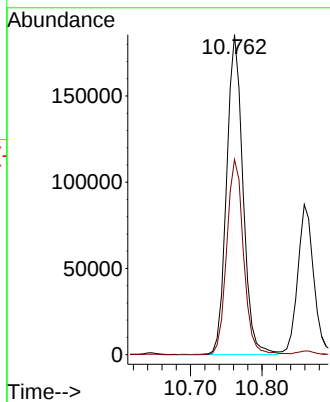
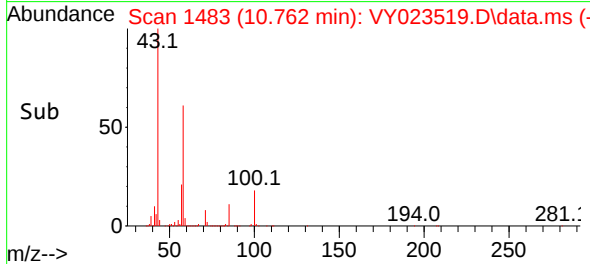
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



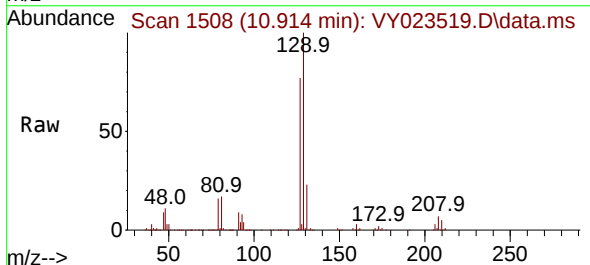
Tgt Ion: 43 Resp: 29419
Ion Ratio Lower Upper
43 100
58 62.7 30.5 91.5

Manual Integrations
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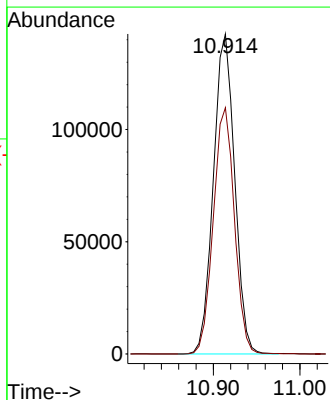
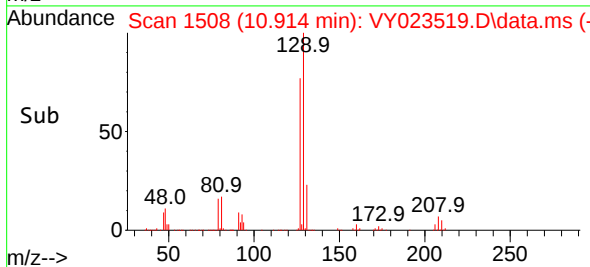
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

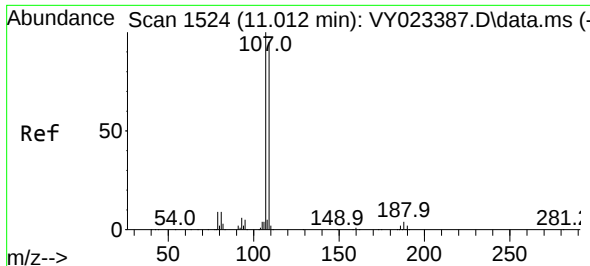


#60
Dibromochloromethane
Concen: 47.061 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



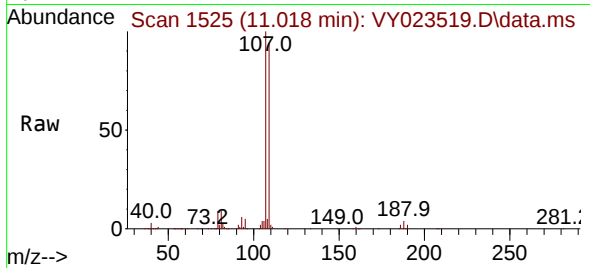
Tgt Ion:129 Resp: 243219
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 45.112 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

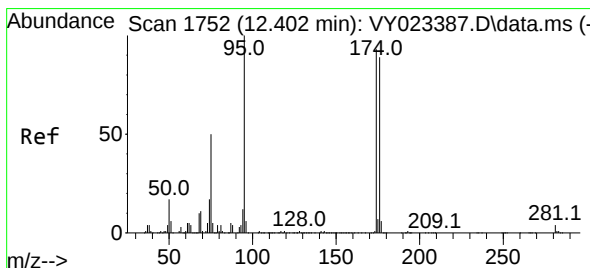
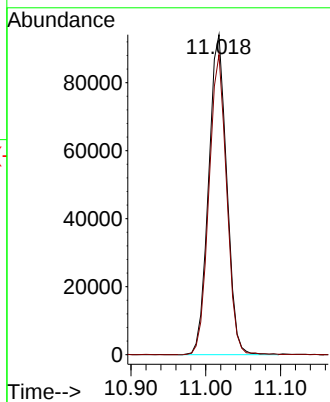
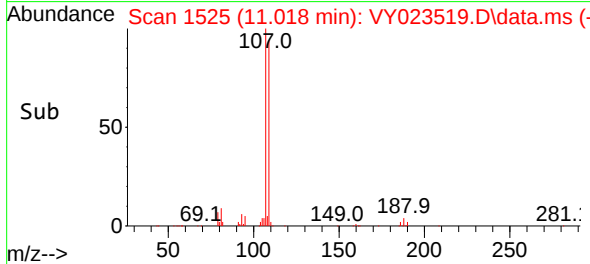
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 15859
Ion Ratio Lower Upper
107 100
109 91.8 76.1 114.1

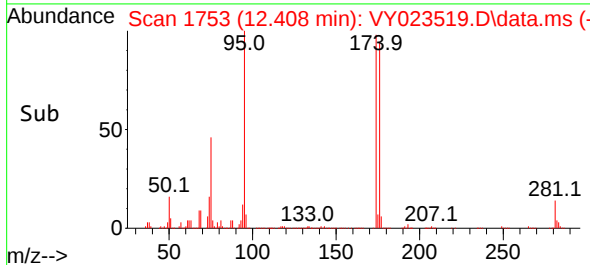
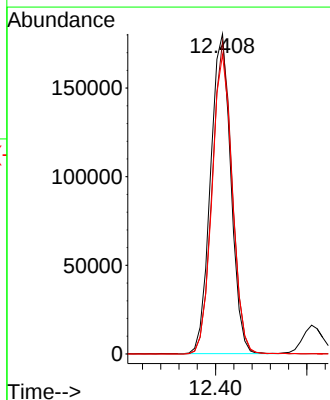
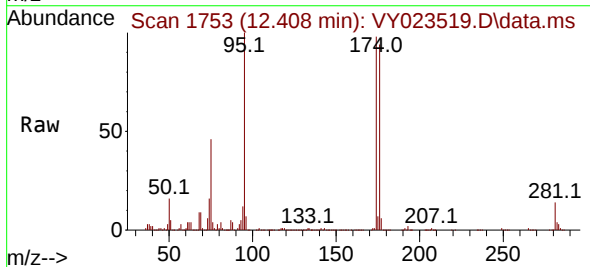
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

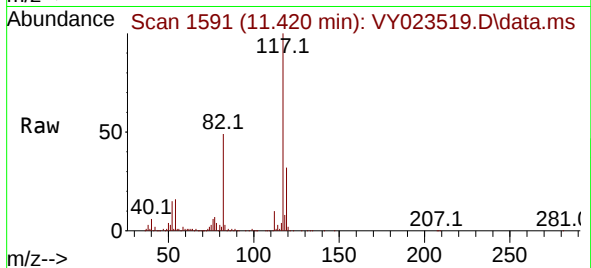
Tgt Ion: 95 Resp: 278234
Ion Ratio Lower Upper
95 100
174 95.8 0.0 192.8
176 93.6 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

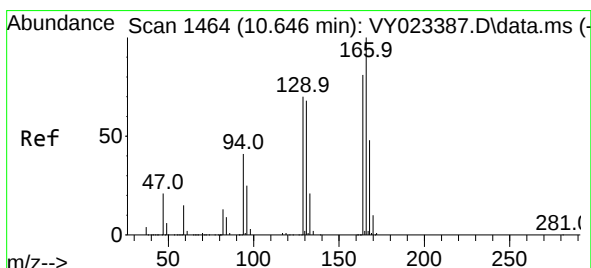
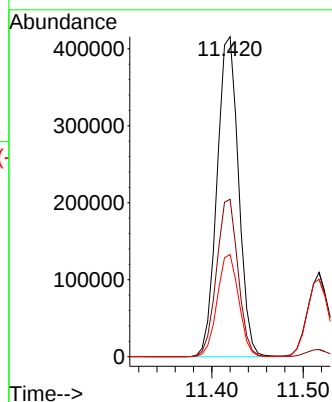
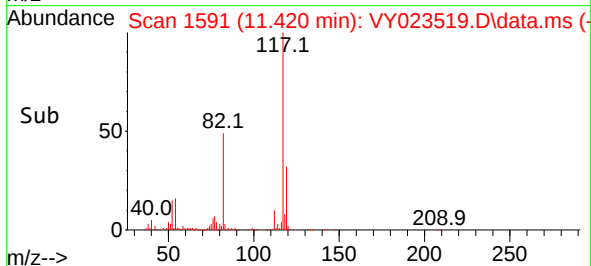
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 68104
Ion Ratio Lower Upper
117 100
82 49.2 41.0 61.4
119 31.9 25.6 38.4

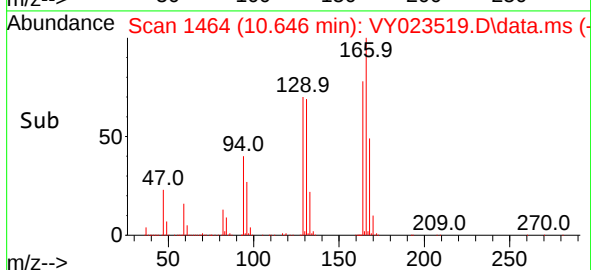
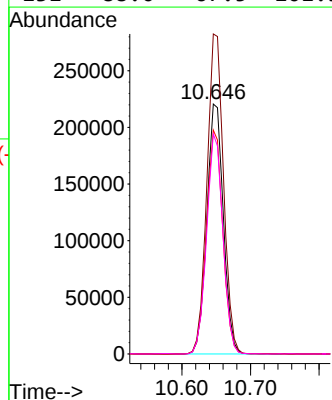
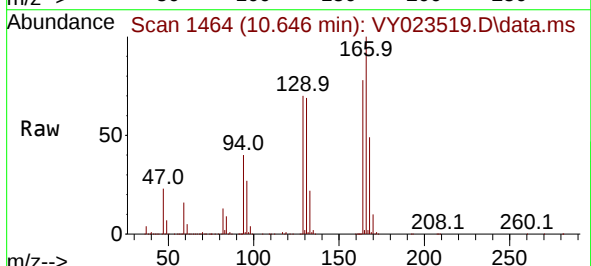
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 52.698 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

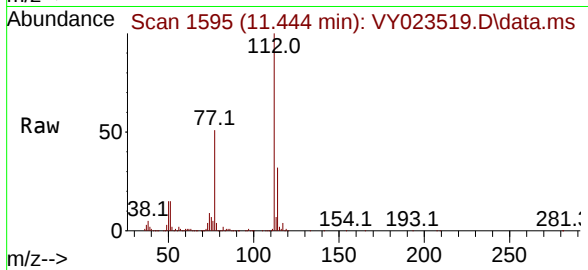
Tgt Ion:164 Resp: 370576
Ion Ratio Lower Upper
164 100
166 128.1 99.4 149.0
129 89.6 69.4 104.2
131 88.0 67.5 101.3





#65
Chlorobenzene
Concen: 48.391 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

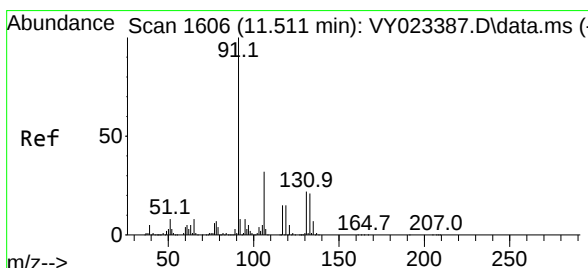
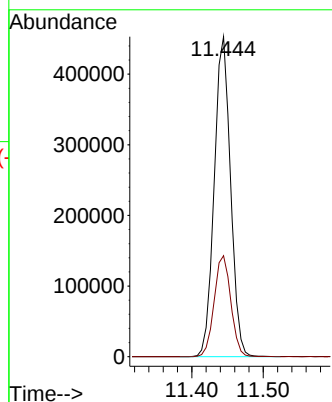
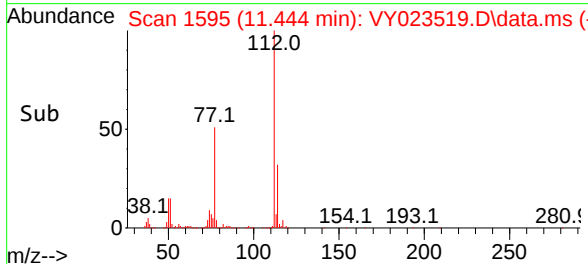
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



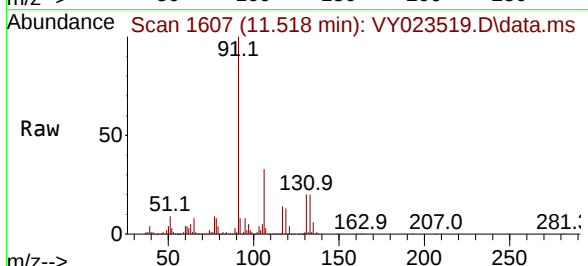
Tgt Ion:112 Resp: 71679
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4

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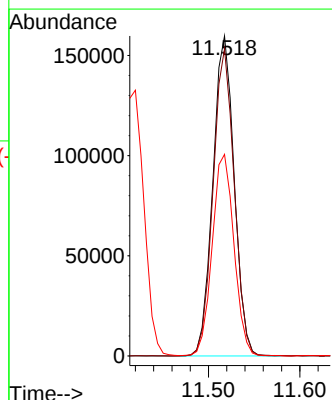
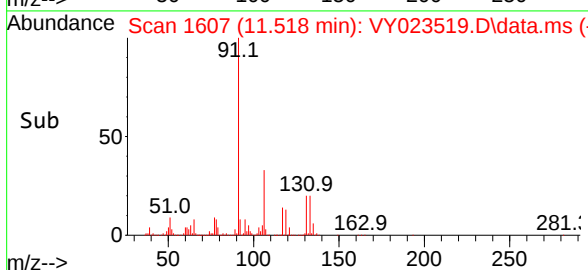
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

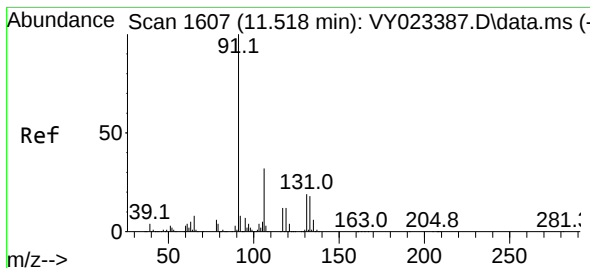


#66
1,1,1,2-Tetrachloroethane
Concen: 48.993 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



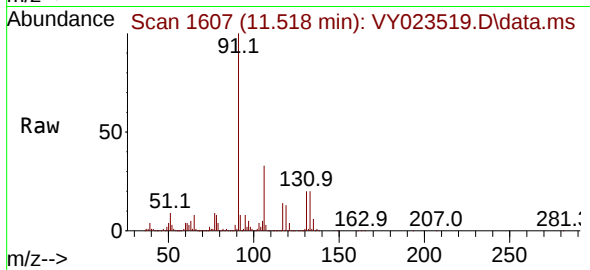
Tgt Ion:131 Resp: 258610
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.2
119 64.4 32.4 97.2





#67
Ethyl Benzene
Concen: 50.371 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

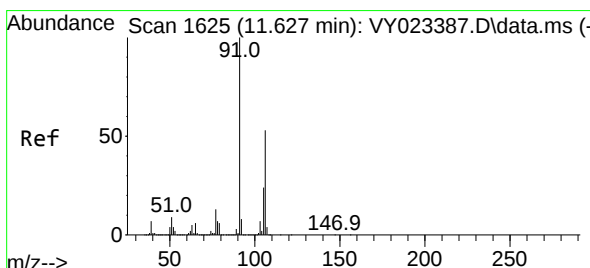
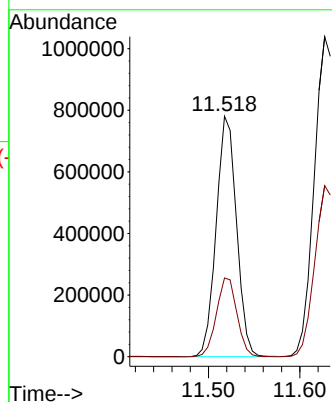
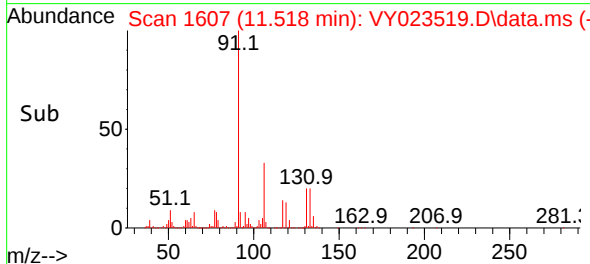
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



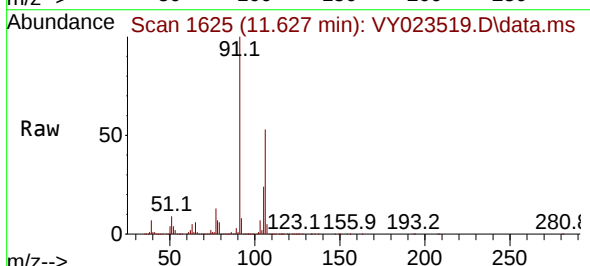
Tgt Ion: 91 Resp: 1207739
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

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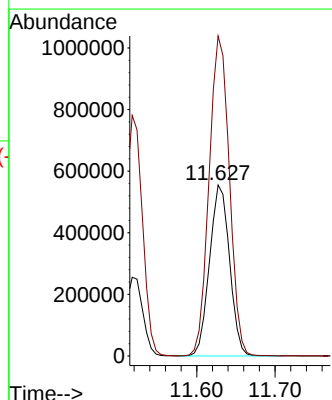
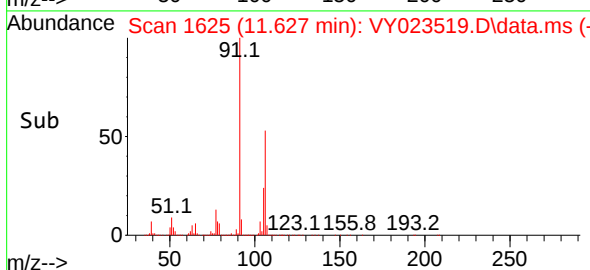
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

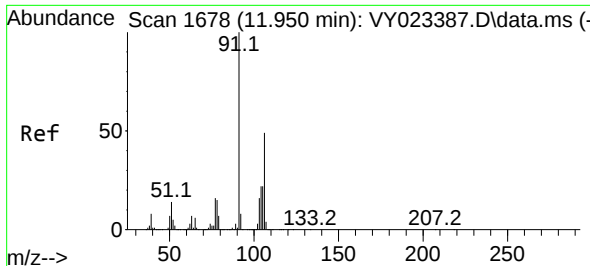


#68
m/p-Xylenes
Concen: 102.206 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion:106 Resp: 982921
Ion Ratio Lower Upper
106 100
91 190.0 152.6 229.0





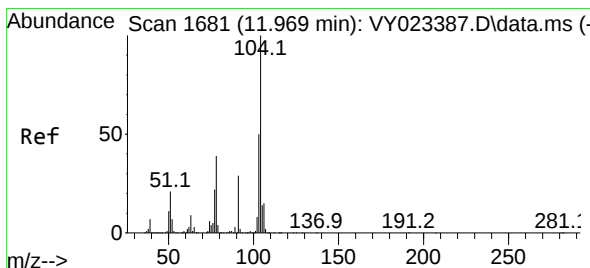
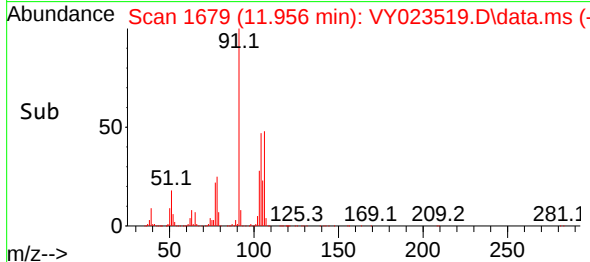
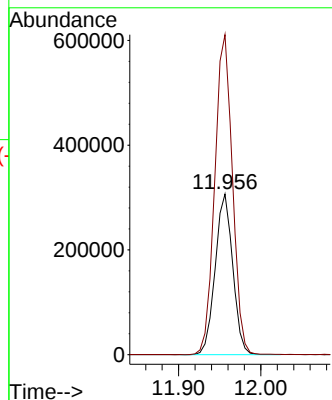
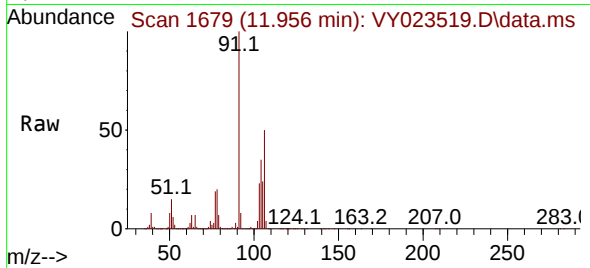
#69
o-Xylene
Concen: 50.437 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 45497
Ion Ratio Lower Upper
106 100
91 201.0 101.4 304.1

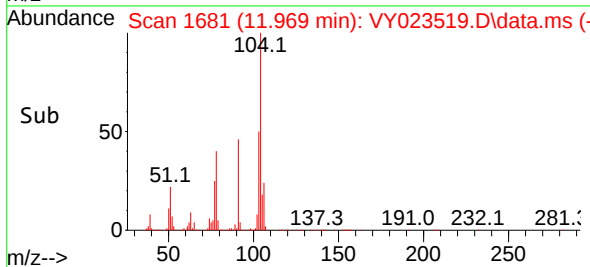
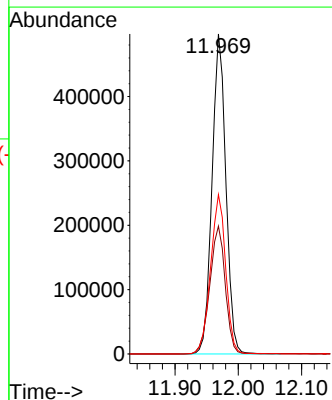
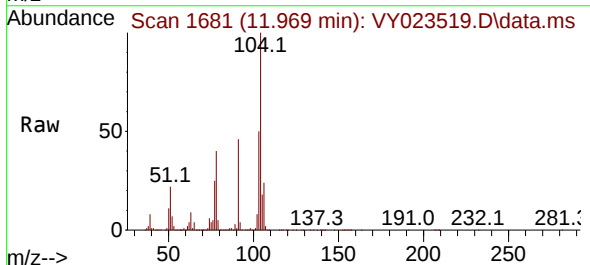
Manual Integrations
APPROVED

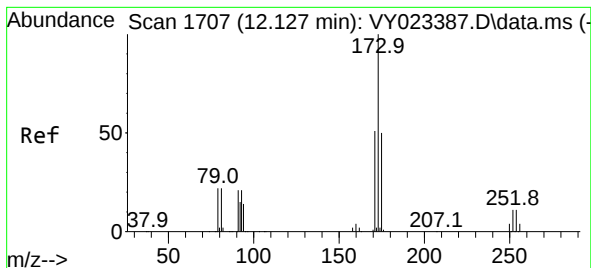
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 50.995 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Tgt Ion:104 Resp: 756453
Ion Ratio Lower Upper
104 100
78 44.7 36.1 54.1
103 54.3 43.2 64.8





#71

Bromoform

Concen: 43.532 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 142534

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.3

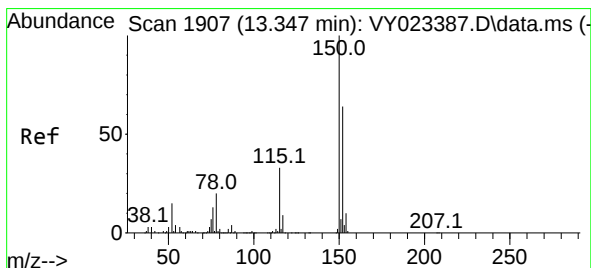
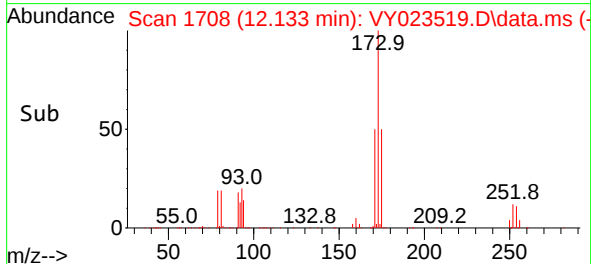
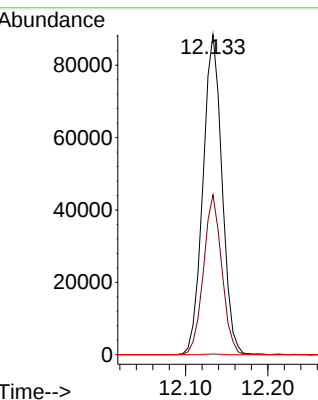
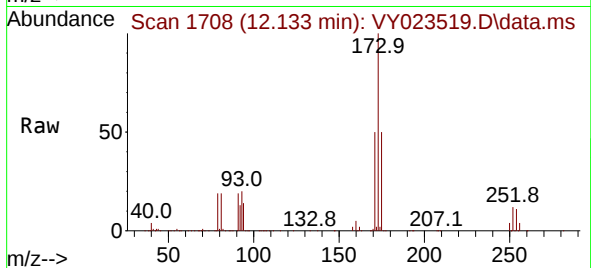
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

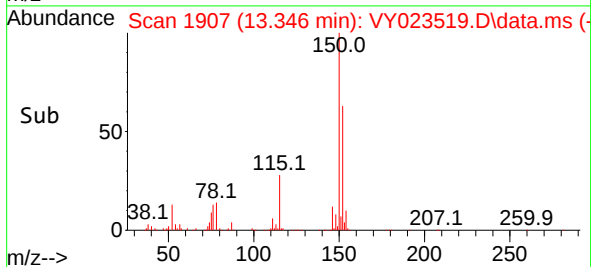
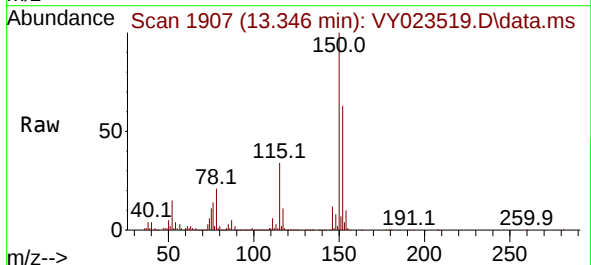
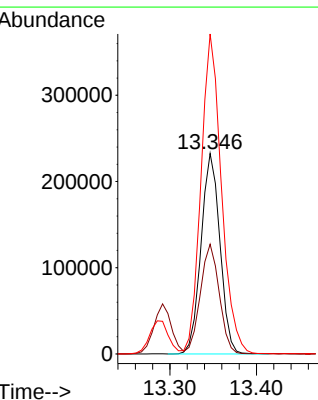
Tgt Ion:152 Resp: 352503

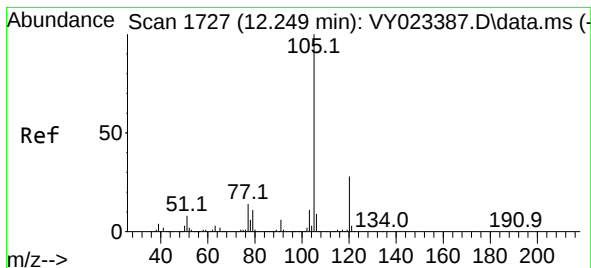
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

150 172.7 0.0 347.4





#73

Isopropylbenzene

Concen: 51.648 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1199809

Ion Ratio Lower Upper

105 100

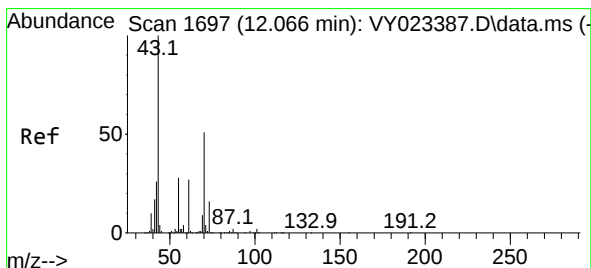
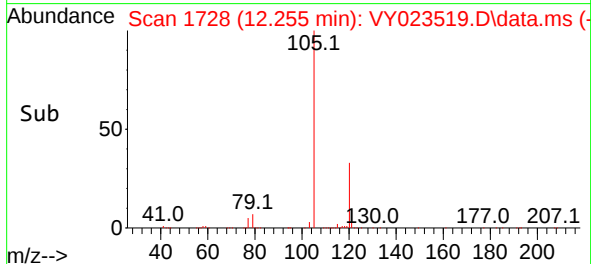
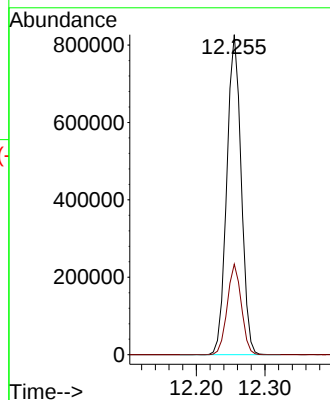
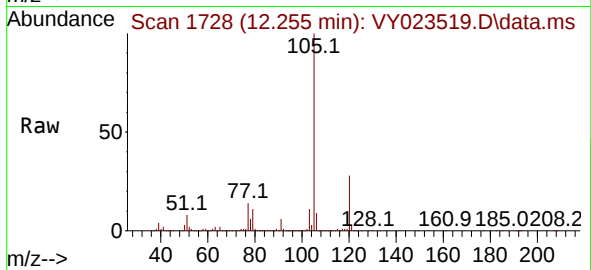
120 27.7 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#74

N-ethyl acetate

Concen: 35.075 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion: 43 Resp: 146350

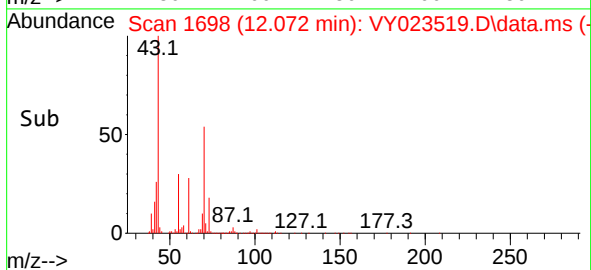
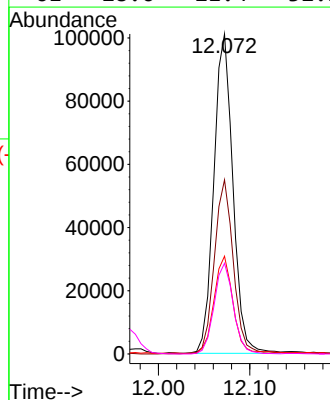
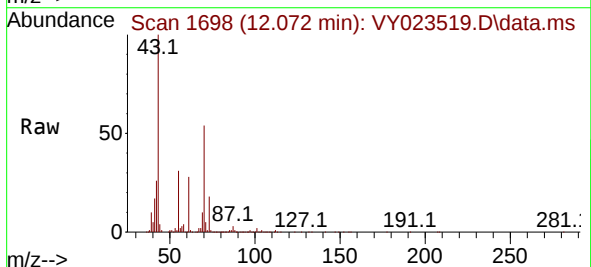
Ion Ratio Lower Upper

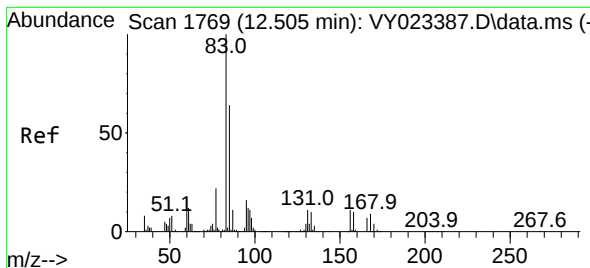
43 100

70 55.1 41.1 61.7

55 30.4 23.0 34.6

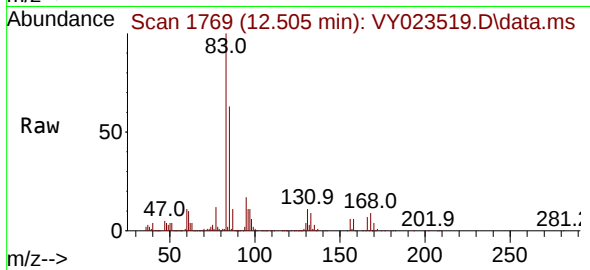
61 28.6 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 39.066 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

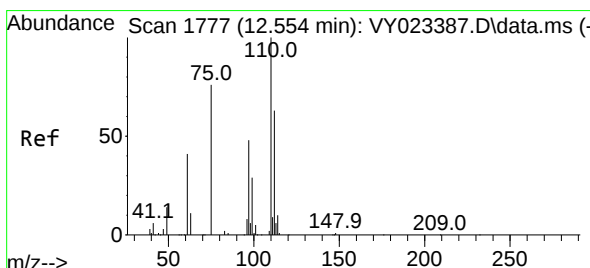
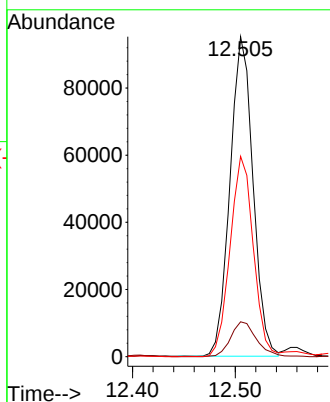
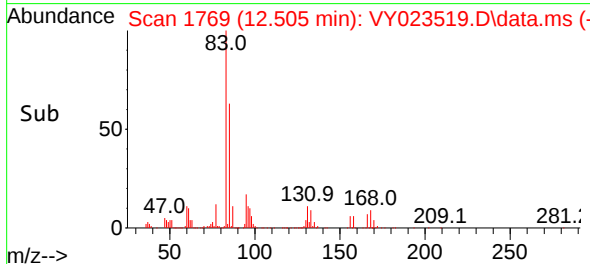
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



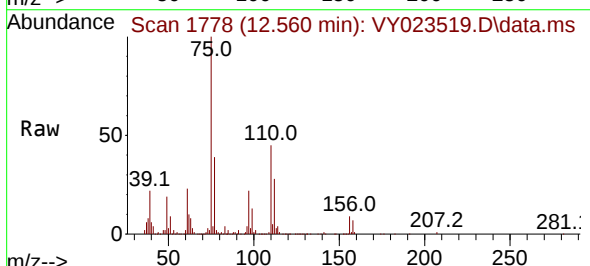
Tgt Ion: 83 Resp: 148432
Ion Ratio Lower Upper
83 100
131 12.3 5.9 17.6
85 63.3 31.8 95.3

Manual Integrations
APPROVED

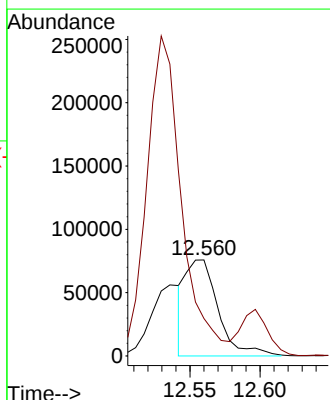
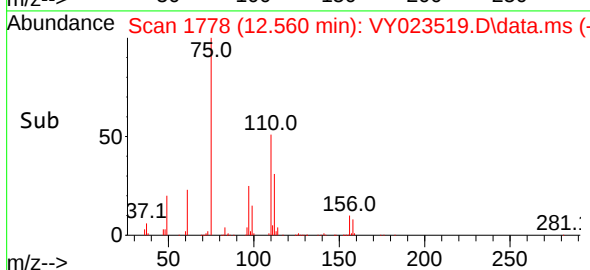
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

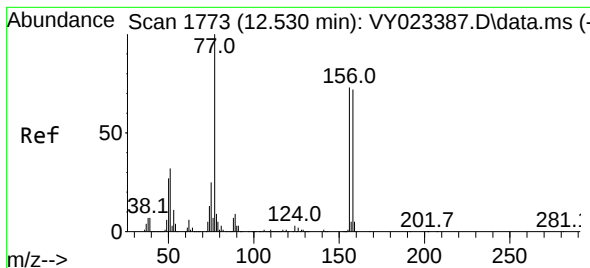


#76
1,2,3-Trichloropropane
Concen: 39.645 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 75 Resp: 123297
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.825 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 295360

Ion Ratio Lower Upper

156 100

77 147.7 76.8 230.5

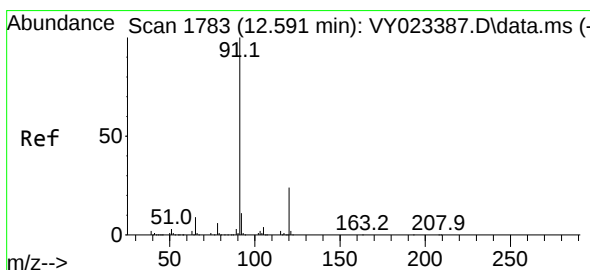
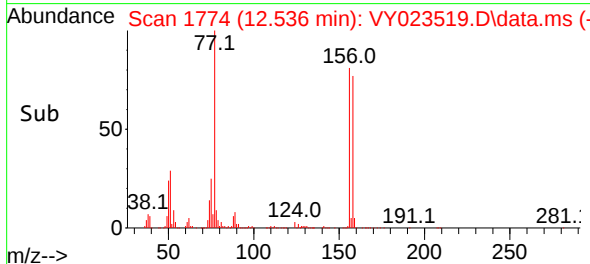
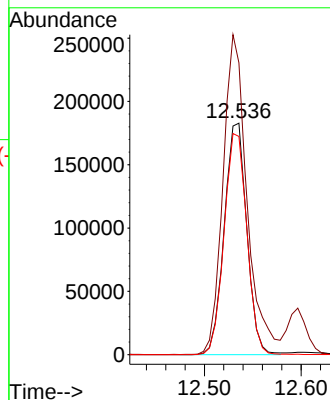
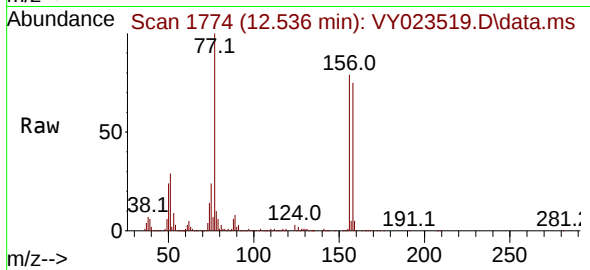
158 96.6 49.0 147.2

Manual Integrations

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Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#78

n-propylbenzene

Concen: 51.567 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023519.D

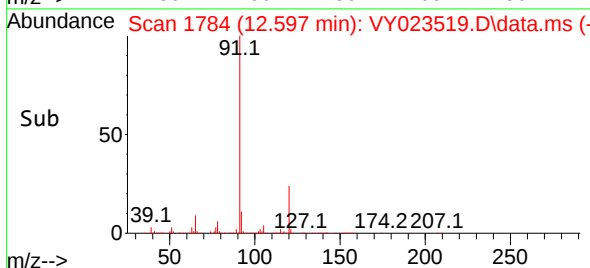
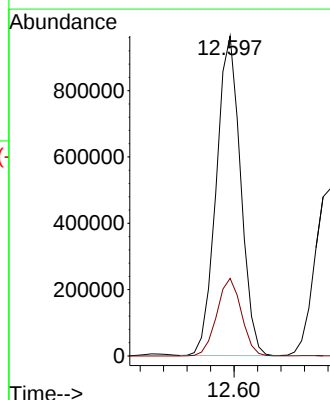
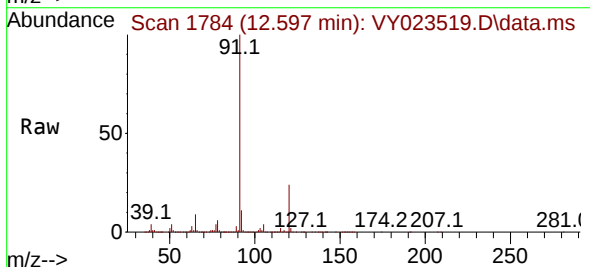
Acq: 20 Oct 2025 19:28

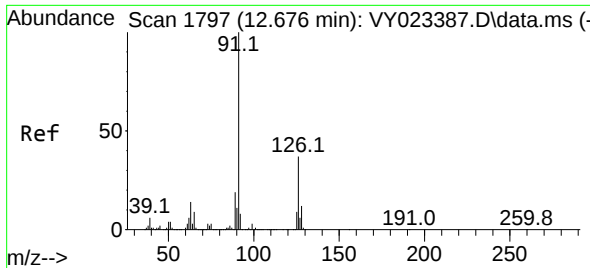
Tgt Ion: 91 Resp: 1386240

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8





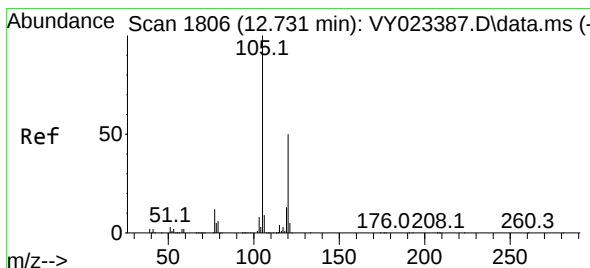
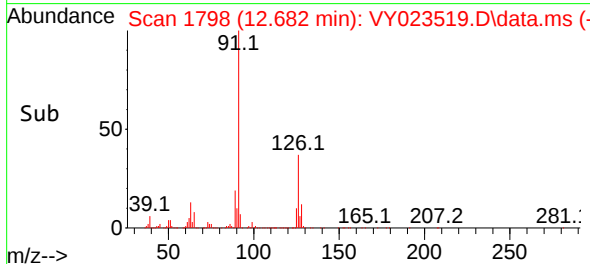
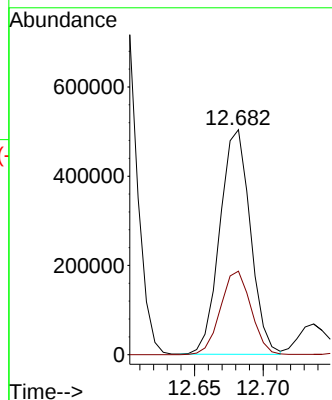
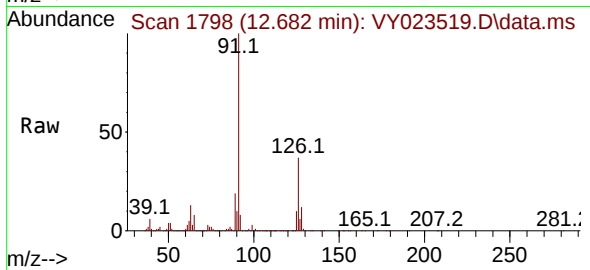
#79
2-Chlorotoluene
Concen: 49.601 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 780834
Ion Ratio Lower Upper
91 100
126 37.3 18.5 55.5

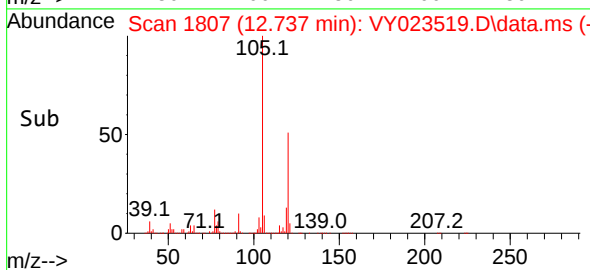
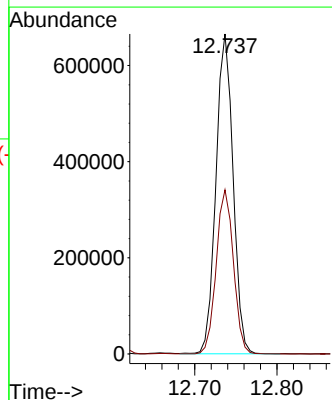
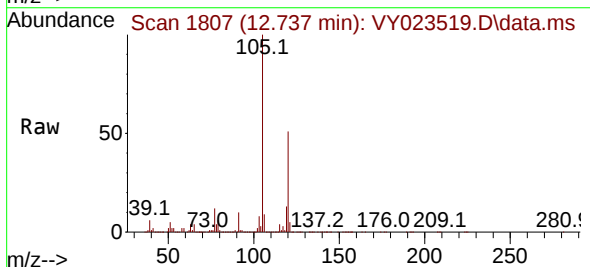
Manual Integrations
APPROVED

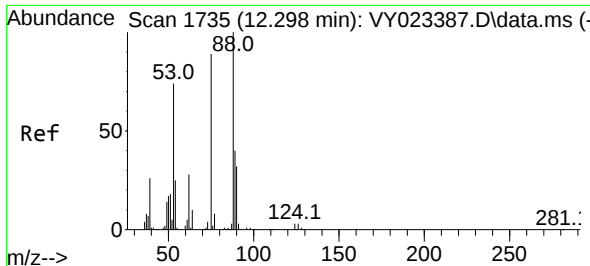
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.237 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

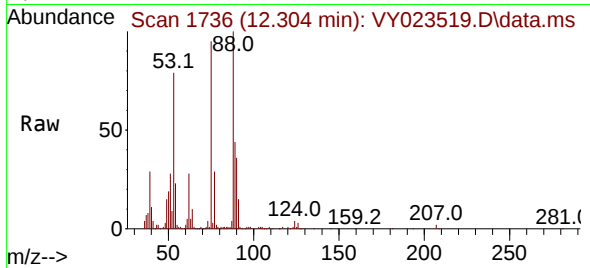
Tgt Ion:105 Resp: 961815
Ion Ratio Lower Upper
105 100
120 51.7 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 38.550 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

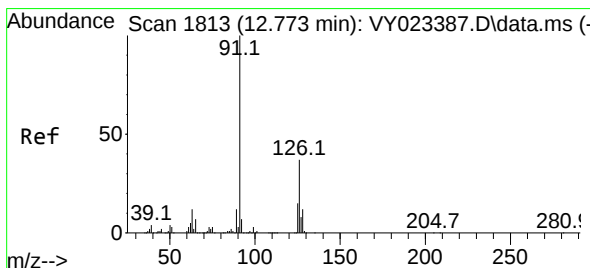
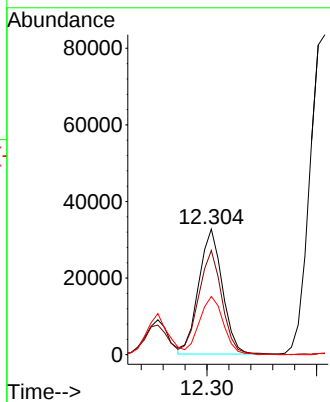
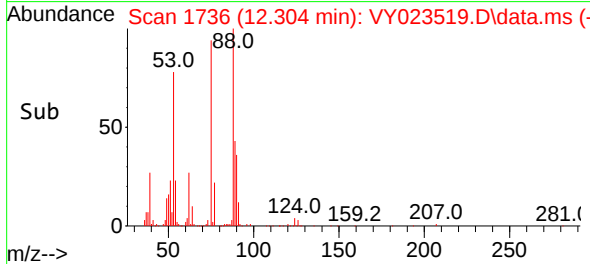
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48892
Ion Ratio Lower Upper
75 100
53 83.6 68.6 102.8
89 47.1 39.0 58.4

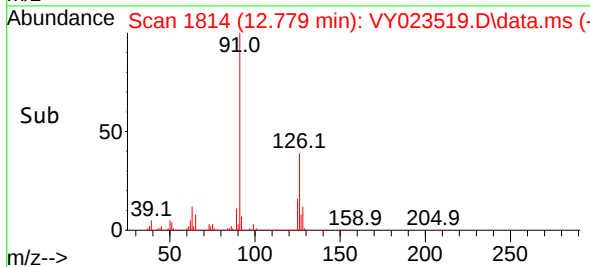
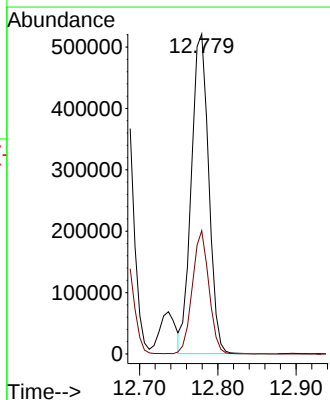
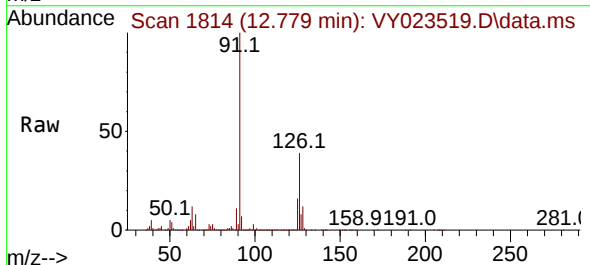
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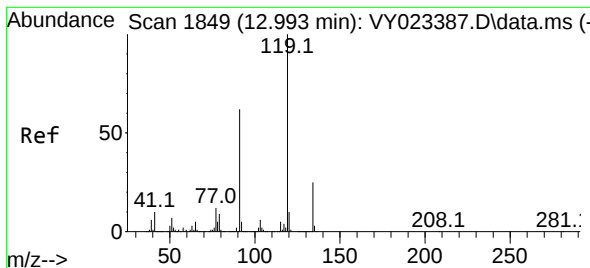
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 49.589 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

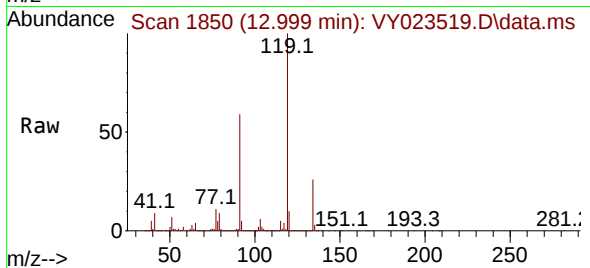
Tgt Ion: 91 Resp: 803961
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4





#83
tert-Butylbenzene
Concen: 51.789 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

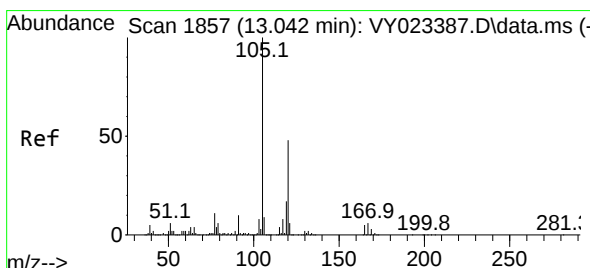
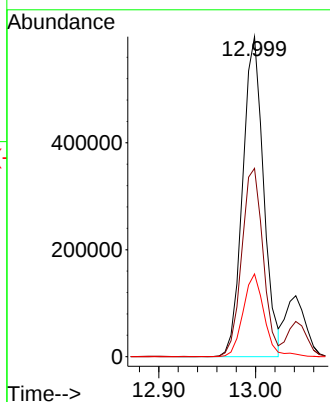
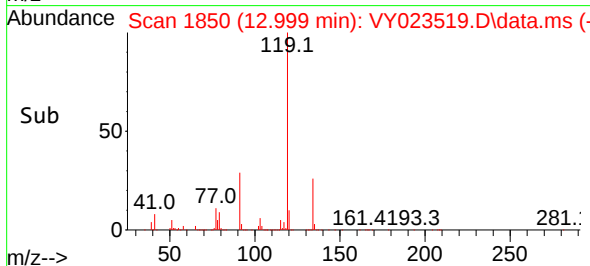
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



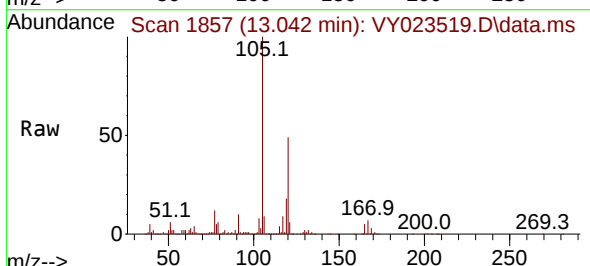
Tgt Ion:119 Resp: 897624
Ion Ratio Lower Upper
119 100
91 60.2 29.9 89.8
134 26.2 12.9 38.7

Manual Integrations
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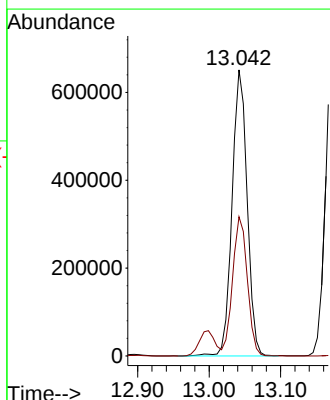
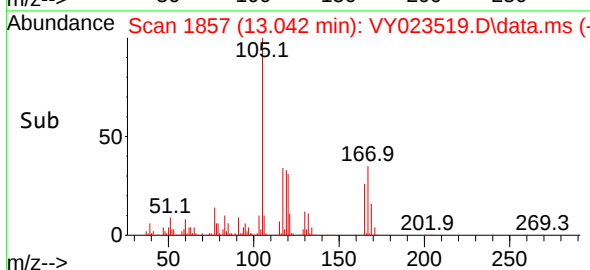
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

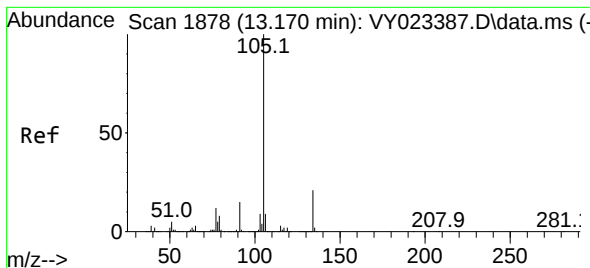


#84
1,2,4-Trimethylbenzene
Concen: 50.678 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



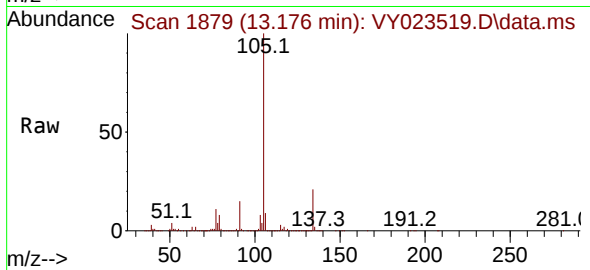
Tgt Ion:105 Resp: 949420
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 51.389 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

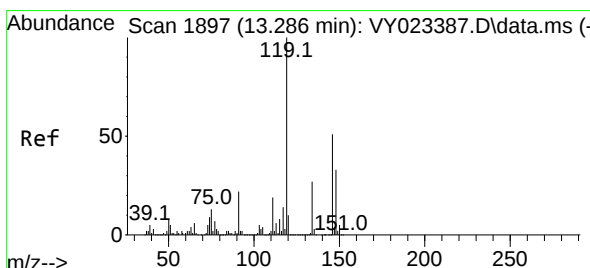
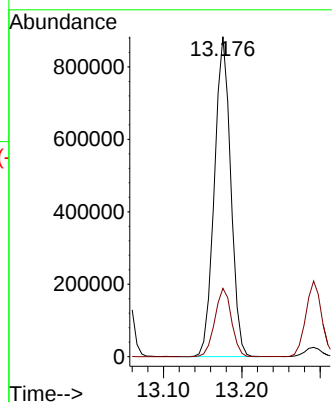
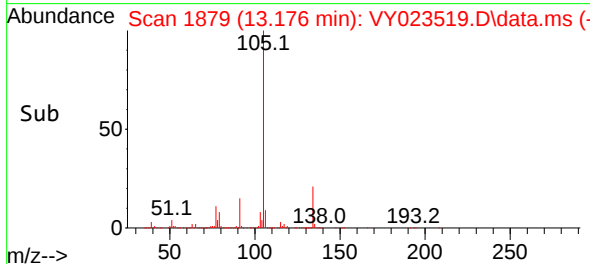
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



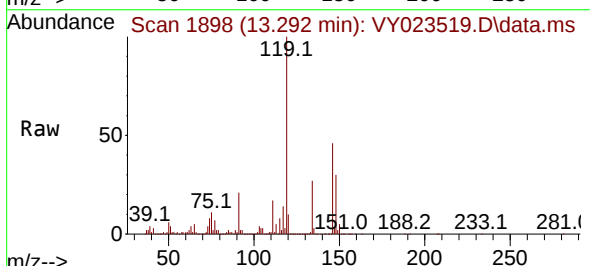
Tgt Ion:105 Resp: 1277669
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 32.1

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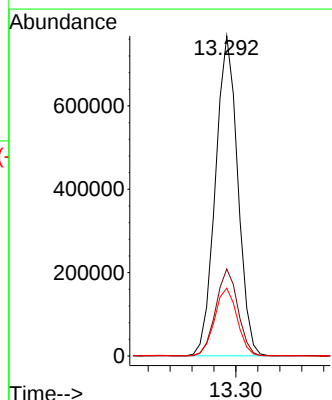
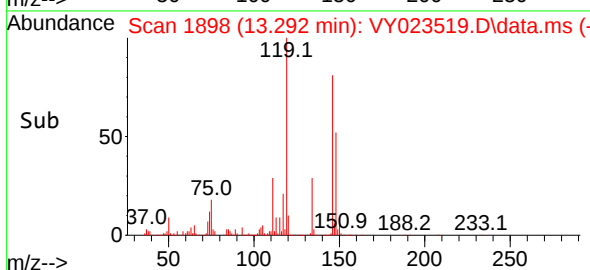
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#86
 p-Isopropyltoluene
 Concen: 51.249 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28



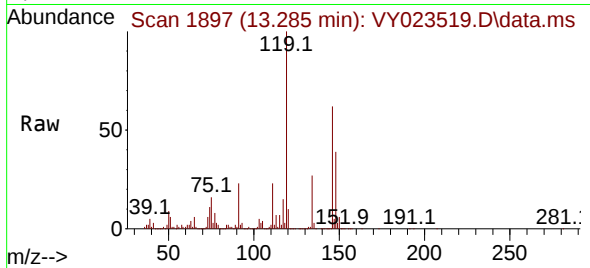
Tgt Ion:119 Resp: 1084870
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.4 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 47.739 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

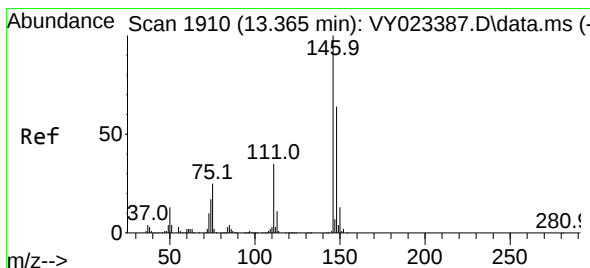
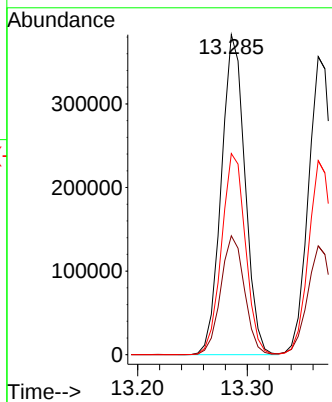
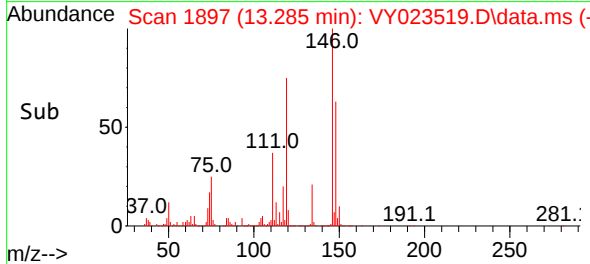
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



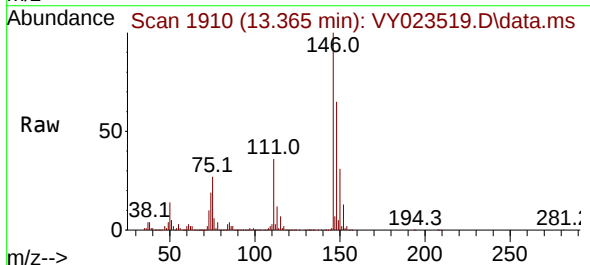
Tgt Ion:146 Resp: 57412
Ion Ratio Lower Upper
146 100
111 37.1 18.7 56.1
148 63.4 31.9 95.9

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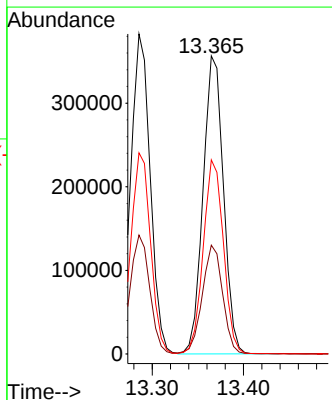
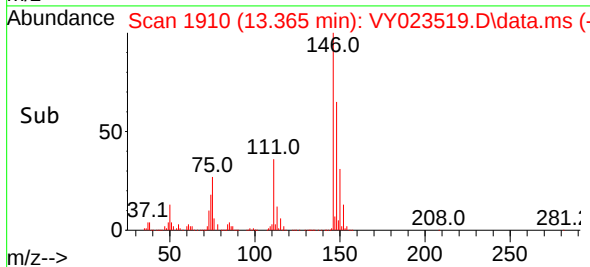
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

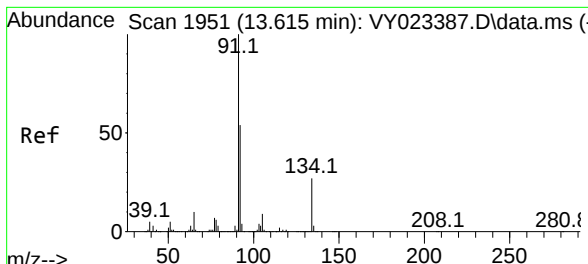


#88
1,4-Dichlorobenzene
Concen: 46.385 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion:146 Resp: 550949
Ion Ratio Lower Upper
146 100
111 36.3 18.0 54.0
148 64.5 31.9 95.7





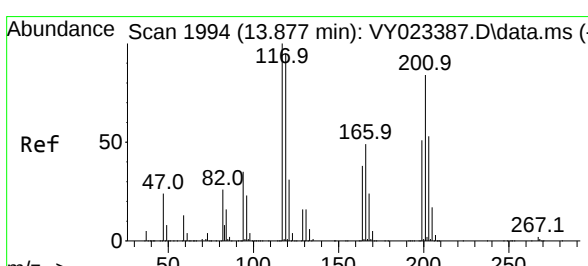
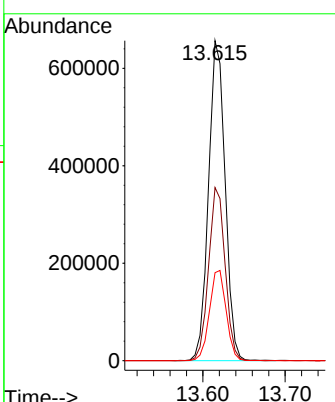
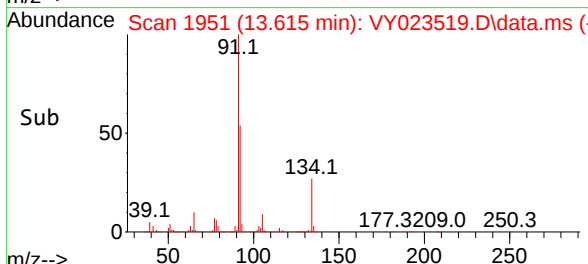
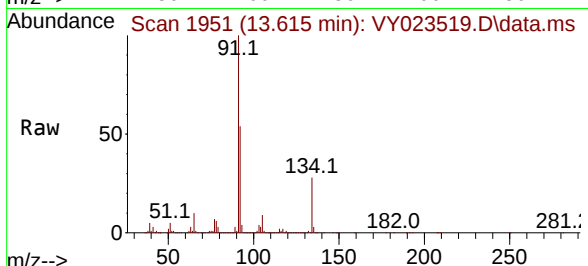
#89
 n-Butylbenzene
 Concen: 49.961 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 91 Resp: 921538

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.4	14.1	42.2

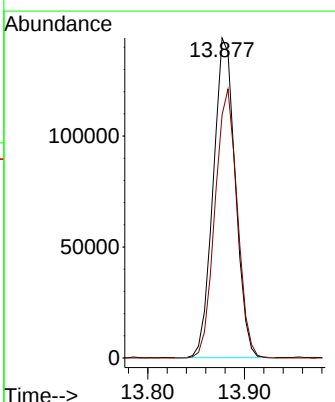
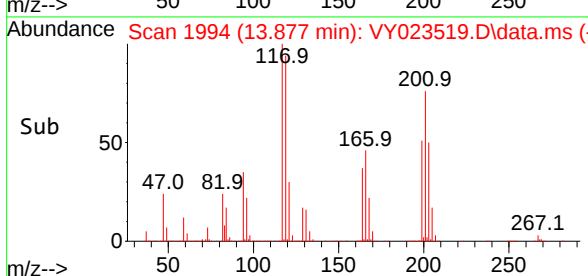
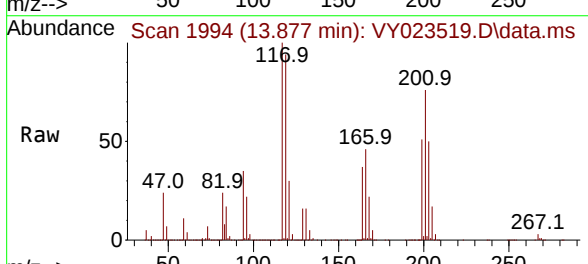
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

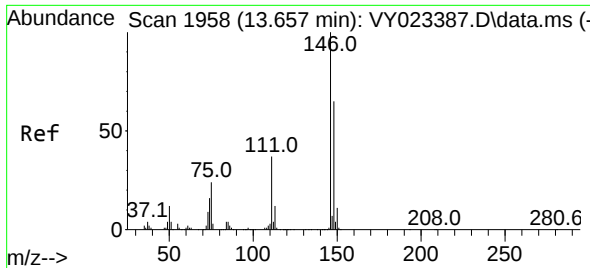


#90
 Hexachloroethane
 Concen: 50.156 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023519.D
 Acq: 20 Oct 2025 19:28

Tgt Ion:117 Resp: 228363

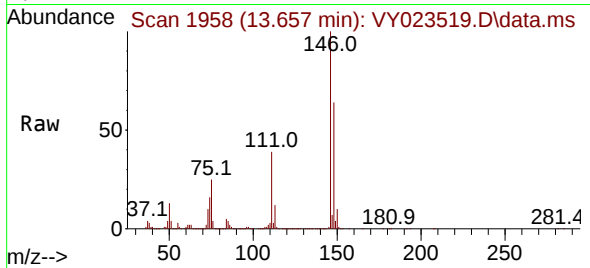
Ion	Ratio	Lower	Upper
117	100		
201	84.5	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 46.234 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28

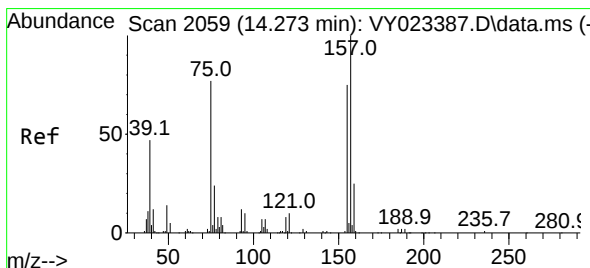
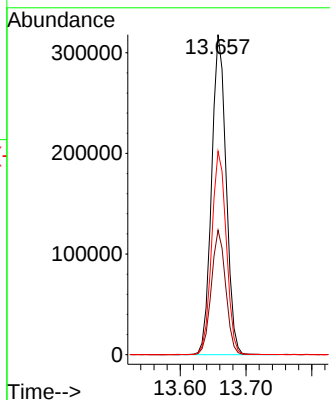
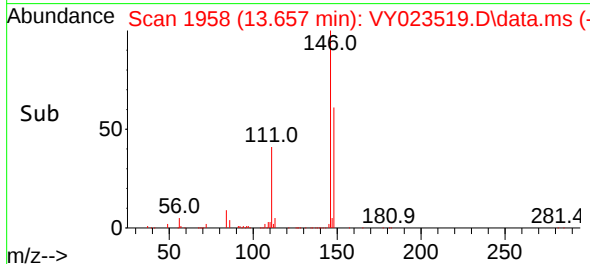
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



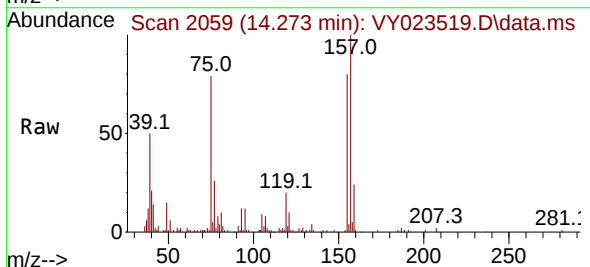
Tgt Ion:146 Resp: 487474
Ion Ratio Lower Upper
146 100
111 38.5 19.0 57.0
148 64.0 32.1 96.3

Manual Integrations
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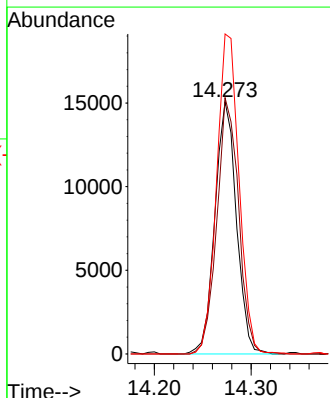
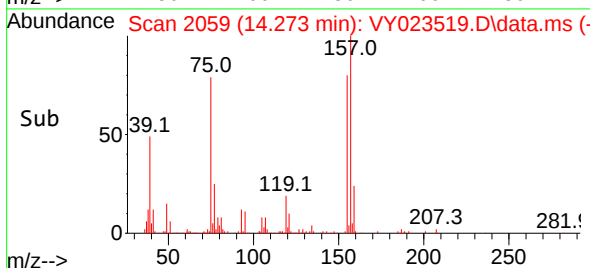
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

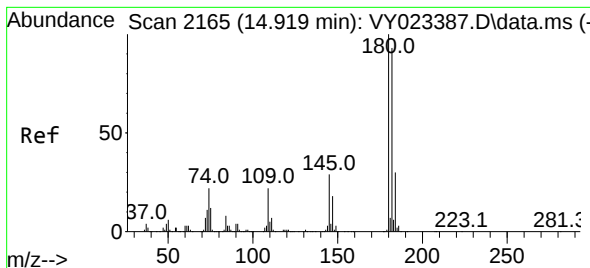


#92
1,2-Dibromo-3-Chloropropane
Concen: 37.318 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023519.D
Acq: 20 Oct 2025 19:28



Tgt Ion: 75 Resp: 23265
Ion Ratio Lower Upper
75 100
155 102.4 50.0 150.0
157 131.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 43.854 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 28826

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.6

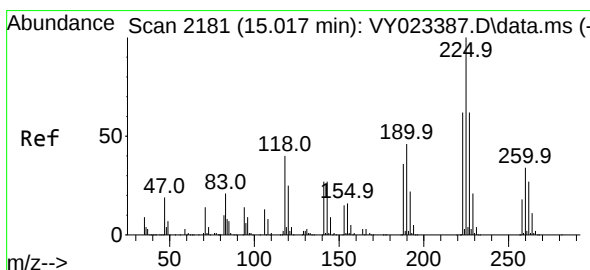
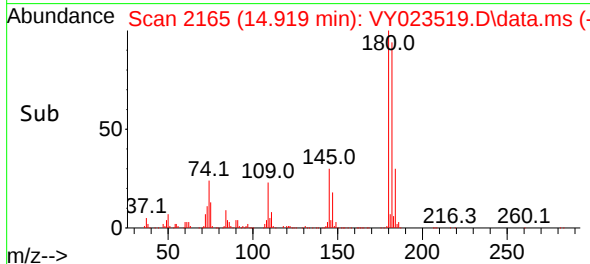
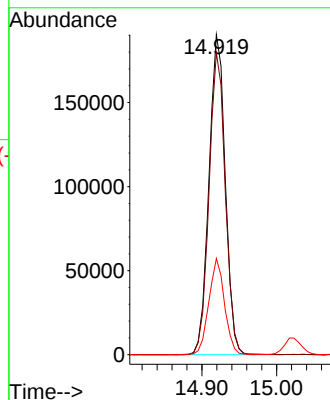
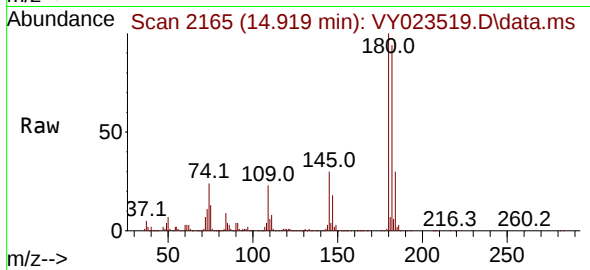
145 28.9 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 45.162 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

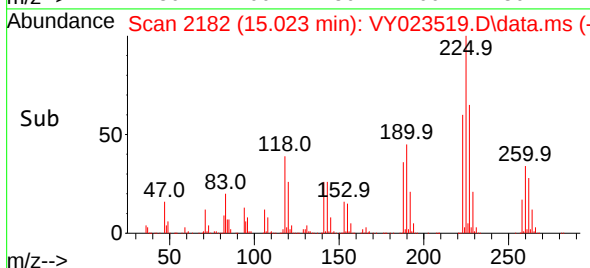
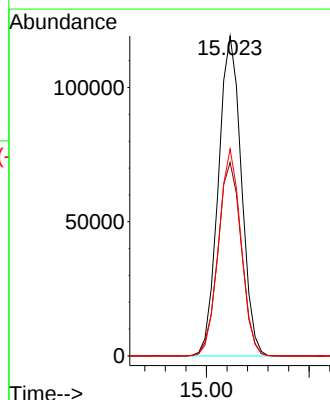
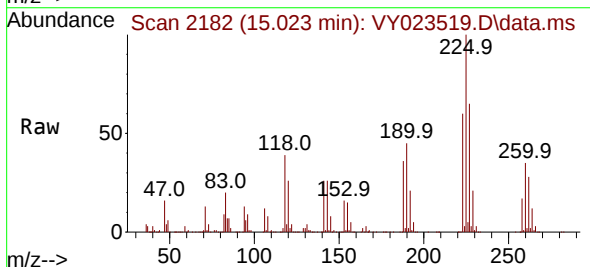
Tgt Ion:225 Resp: 185051

Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 62.8 31.9 95.7





#95

Naphthalene

Concen: 40.153 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 420290

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

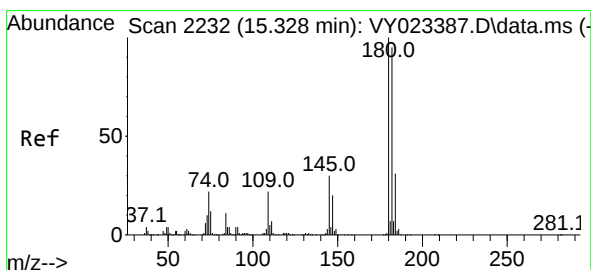
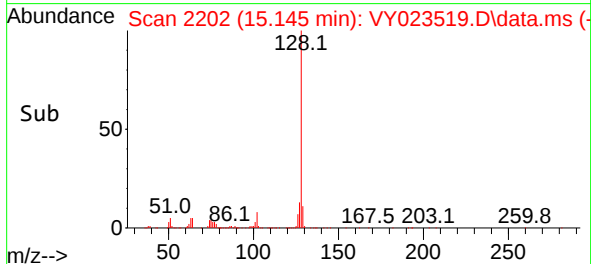
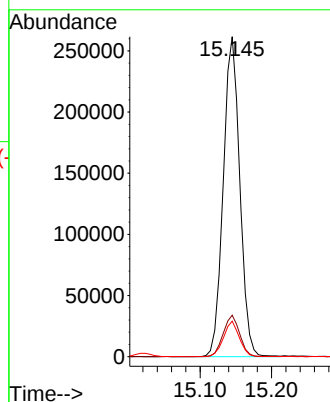
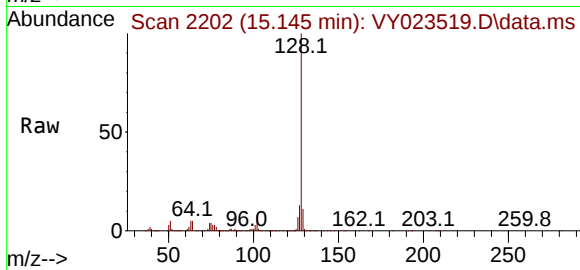
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 42.393 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023519.D

Acq: 20 Oct 2025 19:28

Tgt Ion:180 Resp: 241365

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 30.9 15.3 45.9

