

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023483.D
 Acq On : 16 Oct 2025 10:17
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01

Quant Time: Oct 17 01:51:45 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/17/2025
 Supervised By : Mahesh Dadoda 10/17/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	512746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	747160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	665790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	360043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	215147	50.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.360%			
35) Dibromofluoromethane	7.640	113	240099	52.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.600%			
50) Toluene-d8	10.109	98	889998	52.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.408	95	288541	51.118	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79336	21.496	ug/l	98
3) Chloromethane	2.074	50	100070	19.904	ug/l	99
4) Vinyl Chloride	2.208	62	131537	20.086	ug/l	99
5) Bromomethane	2.592	94	123888	22.544	ug/l	99
6) Chloroethane	2.733	64	95145	21.315	ug/l	99
7) Trichlorofluoromethane	3.056	101	191727	21.086	ug/l	99
8) Diethyl Ether	3.464	74	48430	20.384	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	104669	22.184	ug/l	100
10) Methyl Iodide	4.007	142	99580	18.958	ug/l	99
11) Tert butyl alcohol	4.866	59	31480	98.691	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	94218	20.599	ug/l	91
13) Acrolein	3.659	56	32156	71.343	ug/l	100
14) Allyl chloride	4.391	41	109764	19.691	ug/l	98
15) Acrylonitrile	5.061	53	92580	101.820	ug/l	100
16) Acetone	3.873	43	151705	148.620	ug/l	96
17) Carbon Disulfide	4.110	76	270770	20.684	ug/l	99
18) Methyl Acetate	4.385	43	50712	18.939	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	222011	20.196	ug/l	99
20) Methylene Chloride	4.616	84	111628	20.224	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	106146	21.079	ug/l	97
22) Diisopropyl ether	6.025	45	257413	20.877	ug/l	95
23) Vinyl Acetate	5.964	43	685651	102.736	ug/l	99
24) 1,1-Dichloroethane	5.921	63	172973	21.178	ug/l	98
25) 2-Butanone	6.903	43	155937	125.132	ug/l	97
26) 2,2-Dichloropropane	6.890	77	163122	21.766	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	120807	20.769	ug/l	98
28) Bromochloromethane	7.250	49	65858	21.600	ug/l	100
29) Tetrahydrofuran	7.268	42	69855	98.851	ug/l	99
30) Chloroform	7.427	83	194145	21.635	ug/l	97
31) Cyclohexane	7.707	56	139906	19.615	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	173853	21.319	ug/l	99
36) 1,1-Dichloropropene	7.841	75	128905	21.209	ug/l	100
37) Ethyl Acetate	6.988	43	51421	21.355	ug/l	98
38) Carbon Tetrachloride	7.823	117	160890	21.831	ug/l	97
39) Methylcyclohexane	9.109	83	158344	20.009	ug/l	96
40) Benzene	8.085	78	413392	21.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24944m	19.154	ug/l	
42) 1,2-Dichloroethane	8.158	62	105907	21.334	ug/l	99
43) Isopropyl Acetate	8.201	43	96642	20.128	ug/l #	86
44) Trichloroethene	8.866	130	120393	21.370	ug/l	93
45) 1,2-Dichloropropane	9.146	63	91191	21.449	ug/l	97
46) Dibromomethane	9.237	93	58994	21.944	ug/l	96
47) Bromodichloromethane	9.426	83	148068	21.869	ug/l	98
48) Methyl methacrylate	9.225	41	46189	20.477	ug/l	97
49) 1,4-Dioxane	9.237	88	12840	411.943	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	261718	105.500	ug/l	99
52) Toluene	10.170	92	270724	21.662	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	123163	20.920	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	147686	21.255	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	79976	22.123	ug/l	95
56) Ethyl methacrylate	10.438	69	83917	20.123	ug/l	100
57) 1,3-Dichloropropane	10.719	76	125109	21.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	183838	98.409	ug/l	100
59) 2-Hexanone	10.762	43	216617	122.187	ug/l	99
60) Dibromochloromethane	10.914	129	111370	21.973	ug/l	98
61) 1,2-Dibromoethane	11.018	107	74189	21.518	ug/l	99
64) Tetrachloroethene	10.646	164	152325	22.158	ug/l	98
65) Chlorobenzene	11.444	112	303914	20.988	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	110136	21.343	ug/l	99
67) Ethyl Benzene	11.524	91	479286	20.448	ug/l	98
68) m/p-Xylenes	11.633	106	395611	42.079	ug/l	100
69) o-Xylene	11.957	106	180064	20.419	ug/l	99
70) Styrene	11.969	104	303879	20.955	ug/l	100
71) Bromoform	12.133	173	69331	21.660	ug/l #	99
73) Isopropylbenzene	12.255	105	466166	19.647	ug/l	99
74) N-amyl acetate	12.072	43	79048	18.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79307	20.436	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	62608m	19.709	ug/l	
77) Bromobenzene	12.536	156	125680	19.924	ug/l	99
78) n-propylbenzene	12.597	91	555598	20.235	ug/l	100
79) 2-Chlorotoluene	12.682	91	321611	20.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	385277	20.094	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25642	19.795	ug/l	98
82) 4-Chlorotoluene	12.780	91	339540	20.504	ug/l	99
83) tert-Butylbenzene	12.999	119	343516	19.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390148	20.389	ug/l	99
85) sec-Butylbenzene	13.176	105	511595	20.146	ug/l	99
86) p-Isopropyltoluene	13.292	119	431551	19.959	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	248160	20.203	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	244835	20.181	ug/l	99
89) n-Butylbenzene	13.621	91	368537	19.562	ug/l	99
90) Hexachloroethane	13.877	117	96326	20.713	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	218744	20.312	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13067	20.521	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	127319	18.964	ug/l	99
94) Hexachlorobutadiene	15.023	225	82853	19.797	ug/l	99
95) Naphthalene	15.145	128	184817	17.287	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	107432	18.474	ug/l	99

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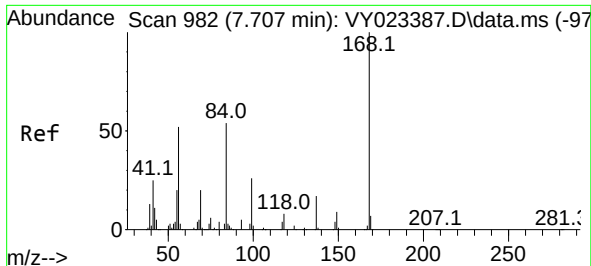
Manual Integrations
APPROVED

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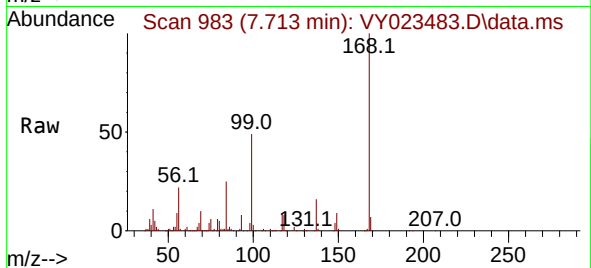
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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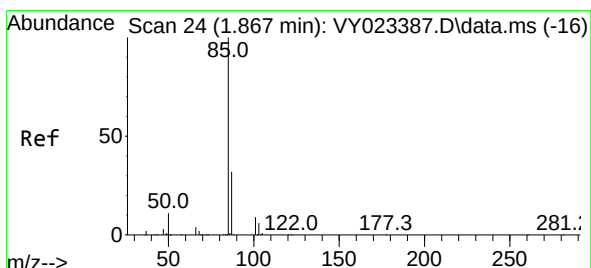
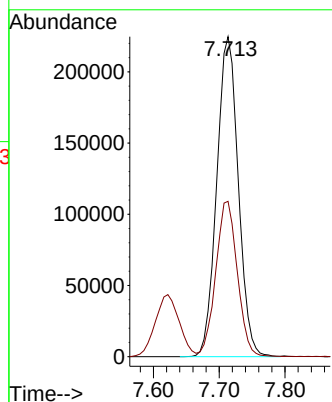
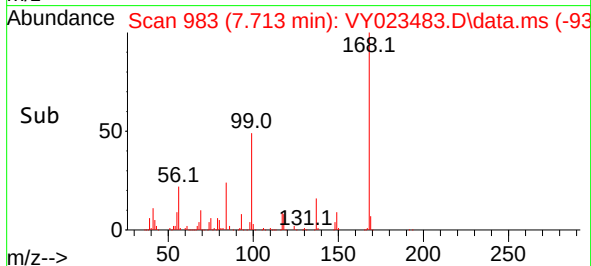
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 512740
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5

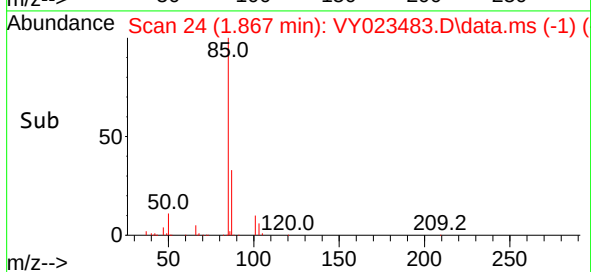
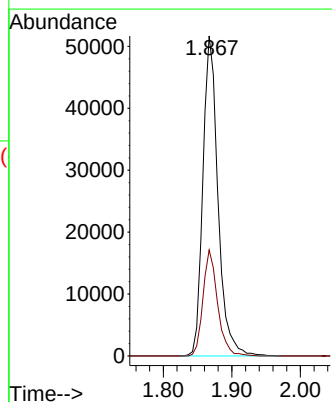
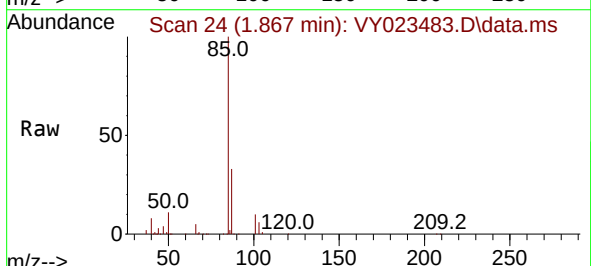
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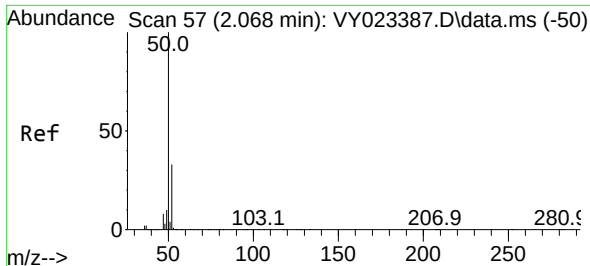
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#2
Dichlorodifluoromethane
Concen: 21.496 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

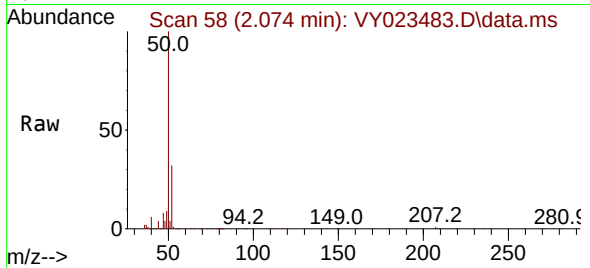
Tgt Ion: 85 Resp: 79336
Ion Ratio Lower Upper
85 100
87 33.2 16.0 47.9





#3
Chloromethane
Concen: 19.904 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

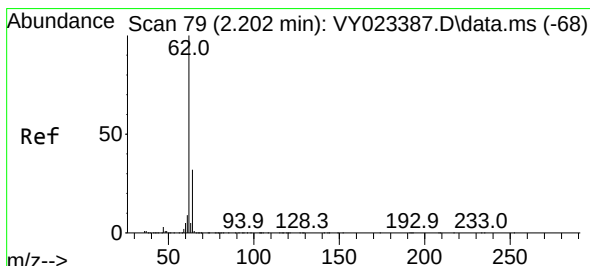
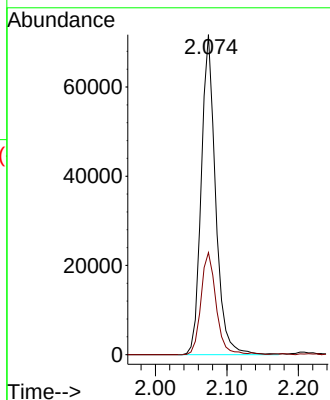
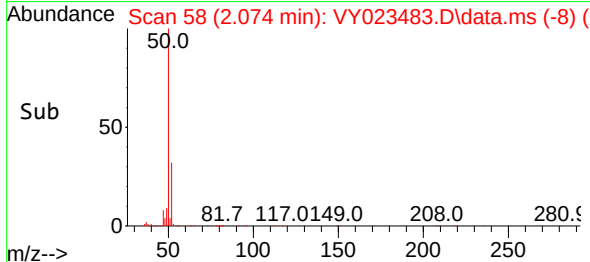
Instrument :
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ClientSampleId :
VY1016SBS01



Tgt Ion: 50 Resp: 100070
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2

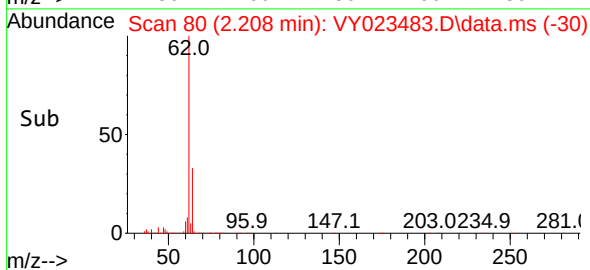
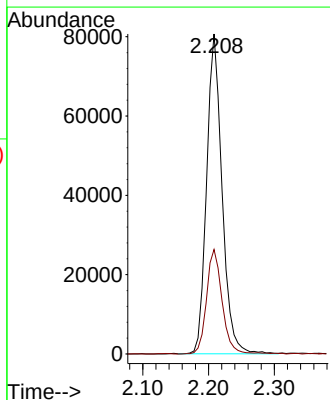
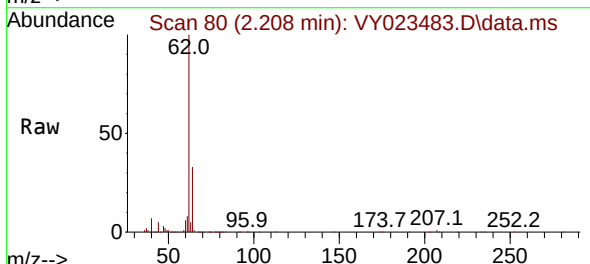
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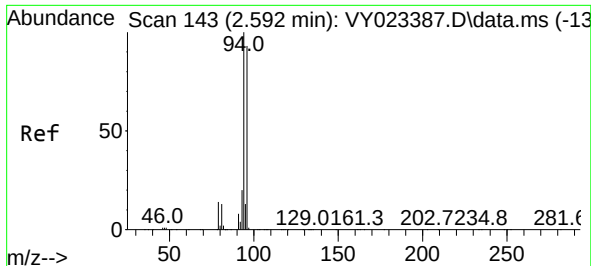
Reviewed By :John Carlone 10/17/2025
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#4
Vinyl Chloride
Concen: 20.086 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

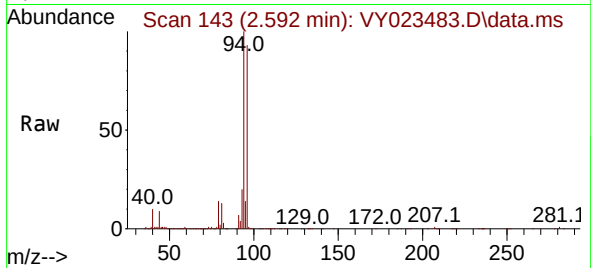
Tgt Ion: 62 Resp: 131537
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5
Bromomethane
Concen: 22.544 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

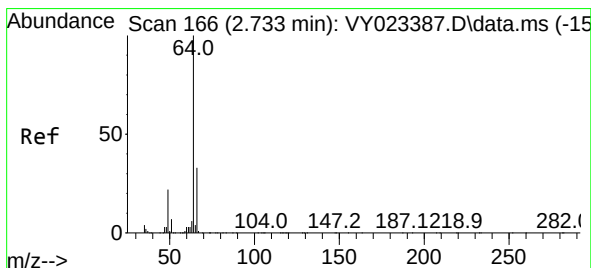
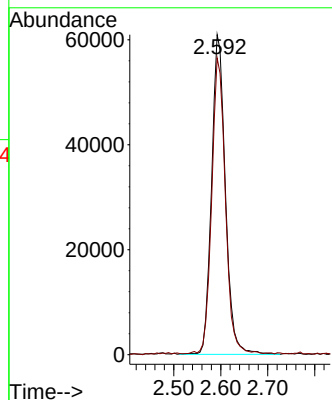
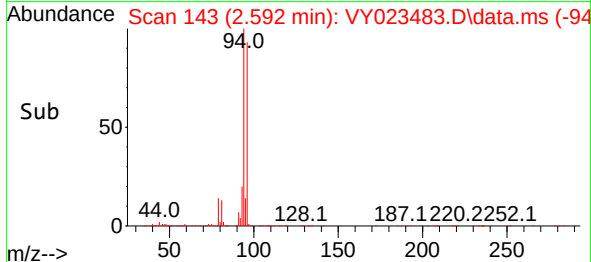
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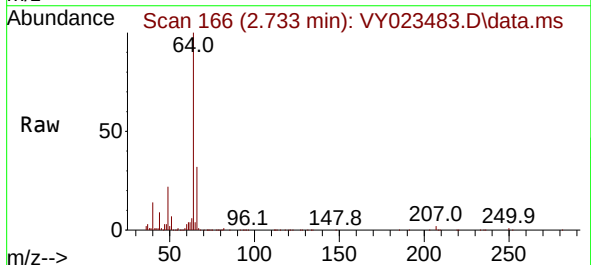
Tgt Ion: 94 Resp: 12388
Ion Ratio Lower Upper
94 100
96 92.4 74.5 111.7

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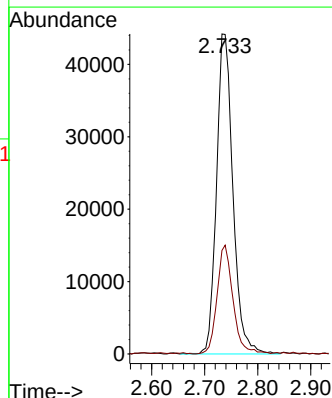
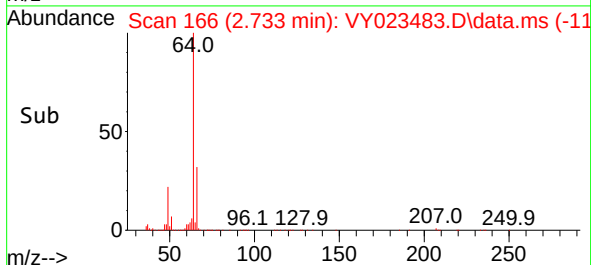
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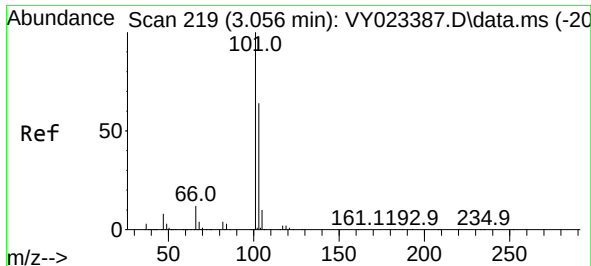


#6
Chloroethane
Concen: 21.315 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



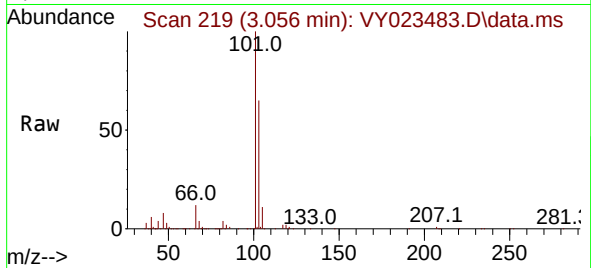
Tgt Ion: 64 Resp: 95145
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.086 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

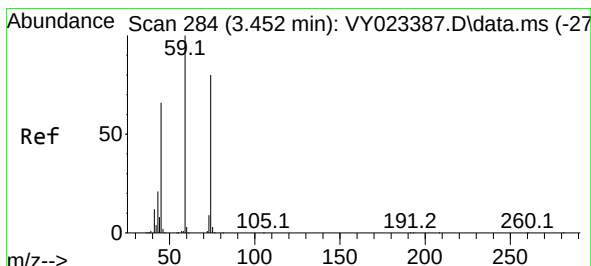
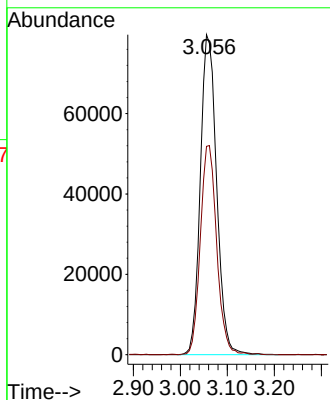
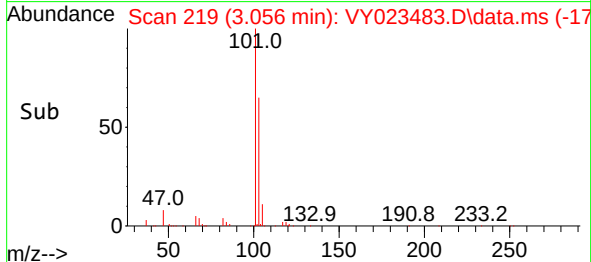
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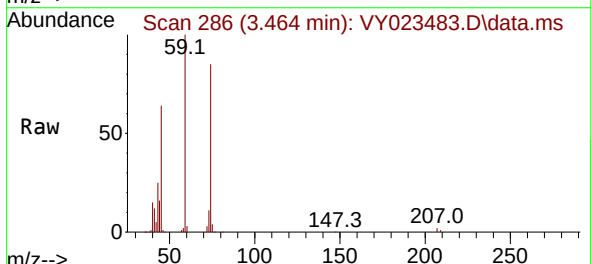
Tgt Ion:101 Resp: 19172
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9

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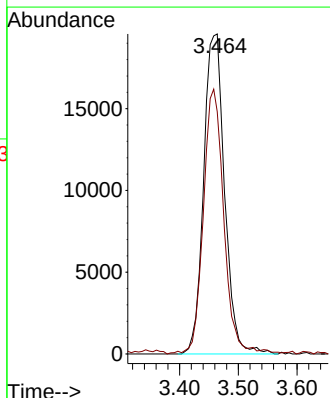
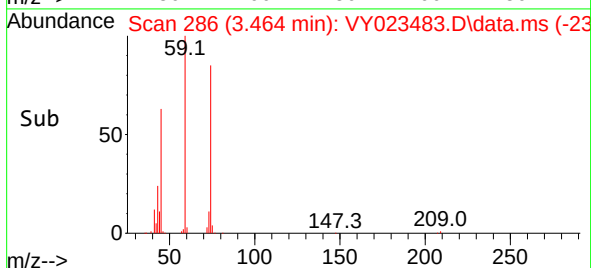
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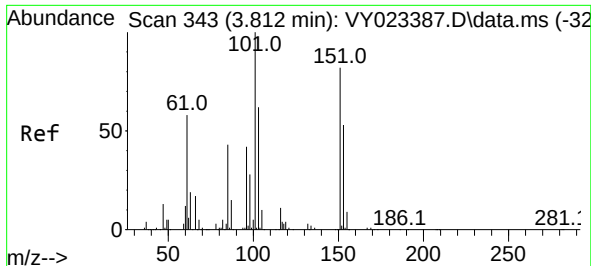


#8
Diethyl Ether
Concen: 20.384 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion: 74 Resp: 48430
Ion Ratio Lower Upper
74 100
45 80.2 39.9 119.7





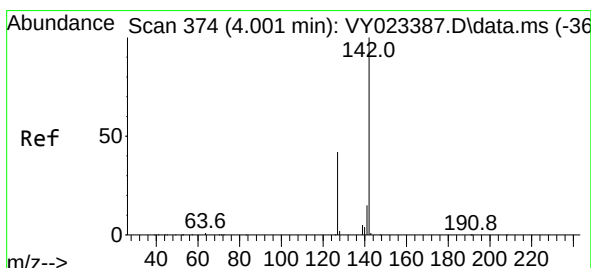
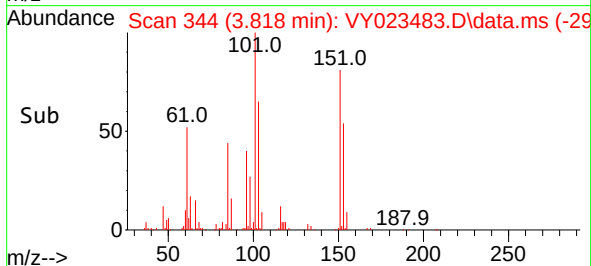
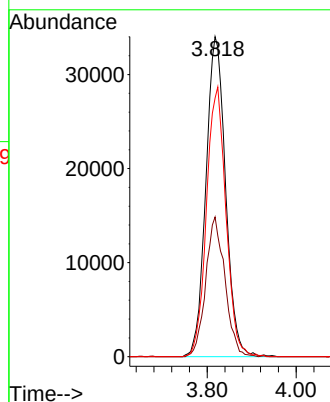
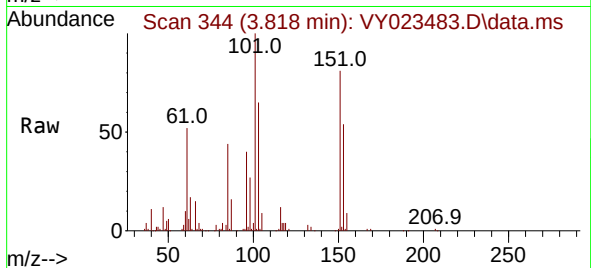
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.184 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion:101 Resp: 104669
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 83.6 67.0 100.6

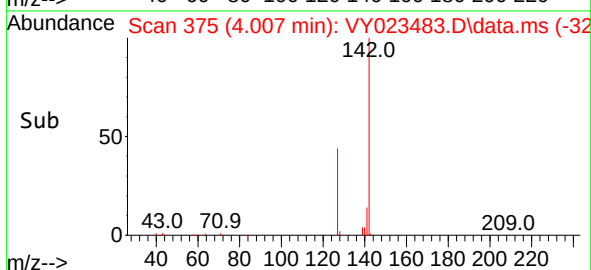
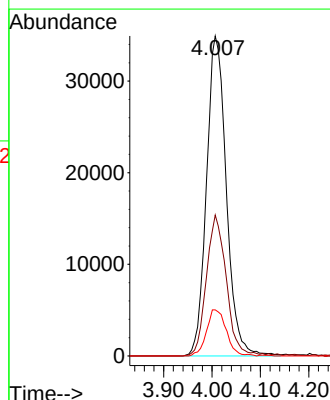
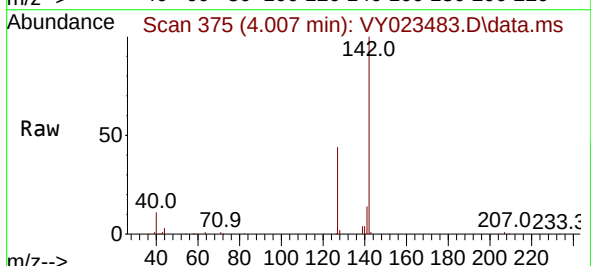
Manual Integrations
APPROVED

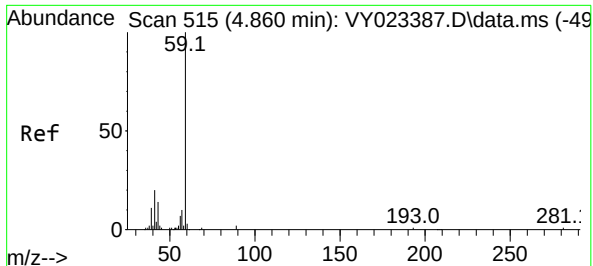
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#10
Methyl Iodide
Concen: 18.958 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Tgt Ion:142 Resp: 99580
Ion Ratio Lower Upper
142 100
127 44.3 34.8 52.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 98.691 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 59 Resp: 31480

Ion Ratio Lower Upper

59 100

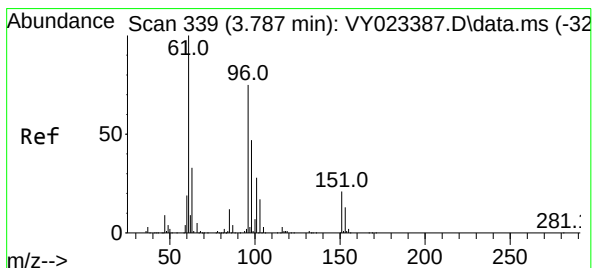
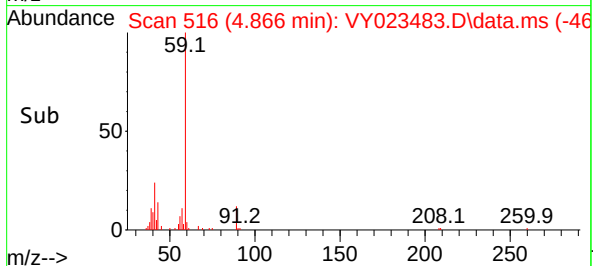
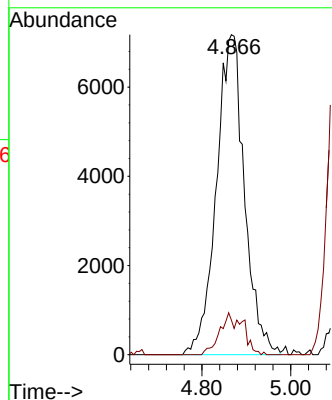
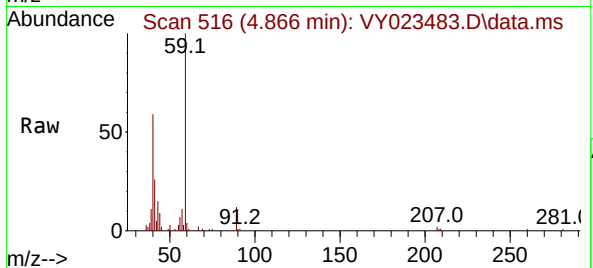
57 6.4 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#12

1,1-Dichloroethene

Concen: 20.599 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

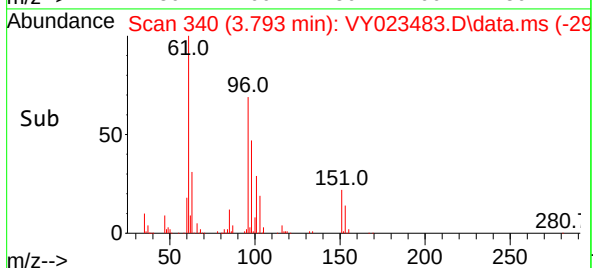
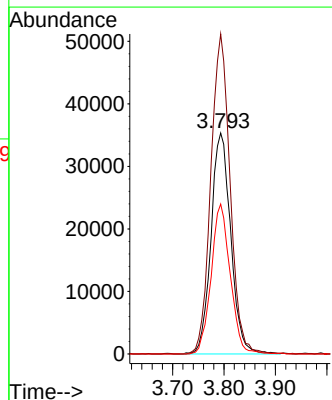
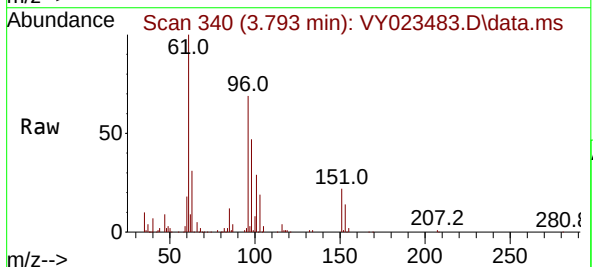
Tgt Ion: 96 Resp: 94218

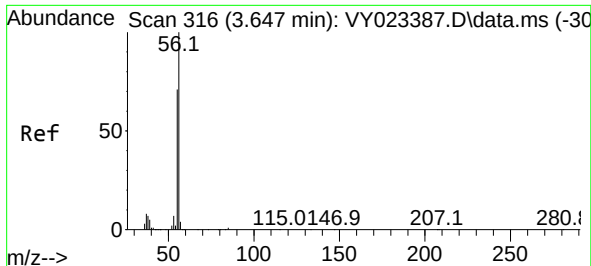
Ion Ratio Lower Upper

96 100

61 144.8 106.7 160.1

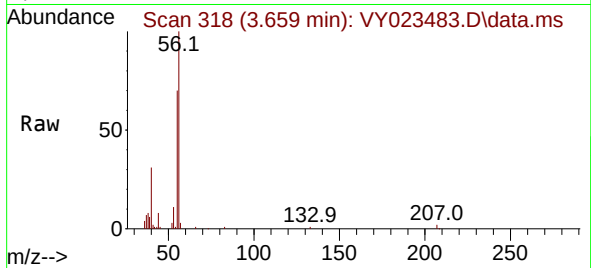
98 67.9 50.2 75.4





#13
Acrolein
Concen: 71.343 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

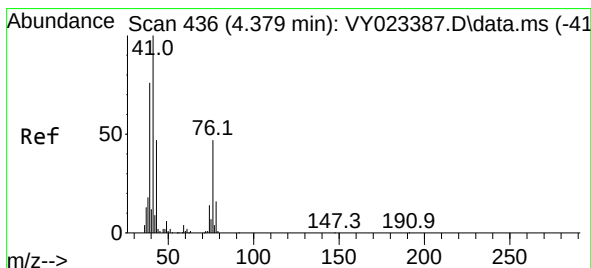
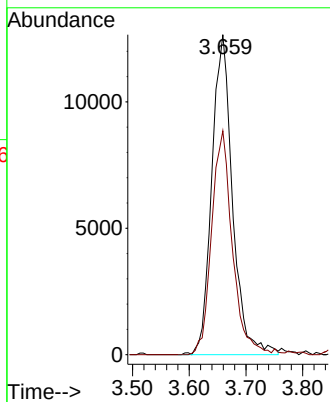
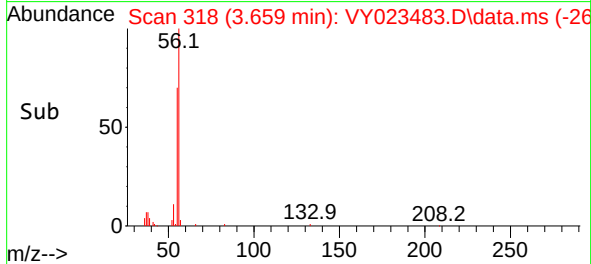
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



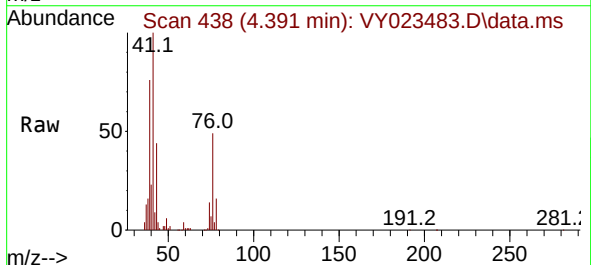
Tgt Ion: 56 Resp: 32150
Ion Ratio Lower Upper
56 100
55 69.8 56.1 84.1

Manual Integrations
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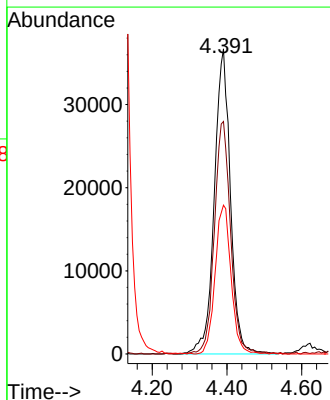
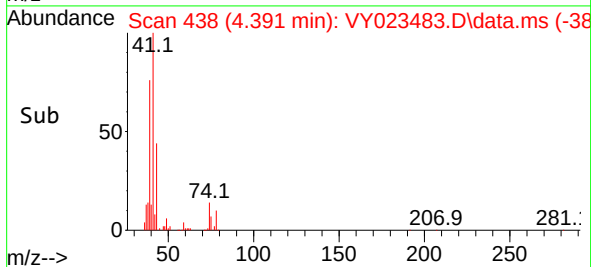
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

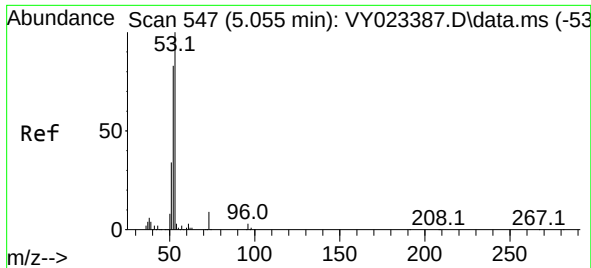


#14
Allyl chloride
Concen: 19.691 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



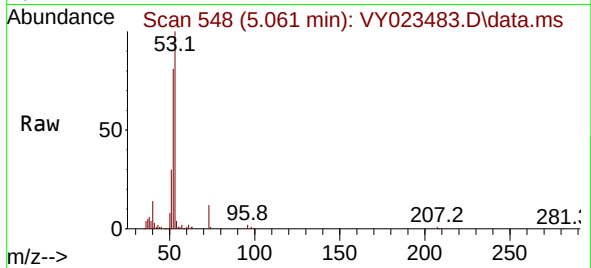
Tgt Ion: 41 Resp: 109764
Ion Ratio Lower Upper
41 100
39 76.8 59.9 89.9
76 48.2 38.0 57.0





#15
Acrylonitrile
Concen: 101.820 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

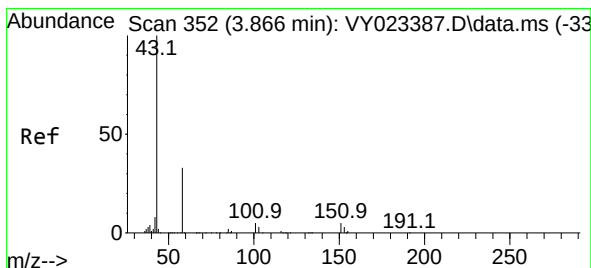
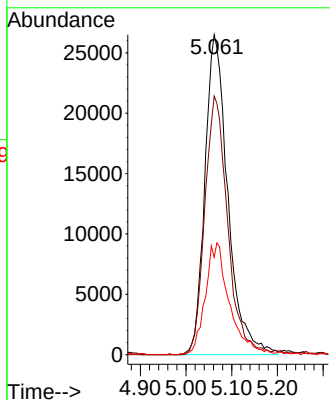
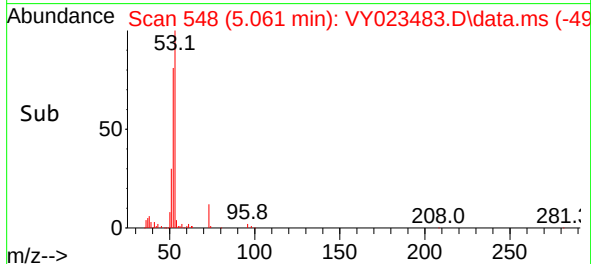
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 53 Resp: 92580
Ion Ratio Lower Upper
53 100
52 80.5 64.6 97.0
51 36.8 29.5 44.3

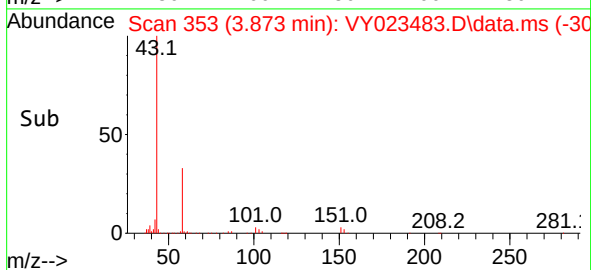
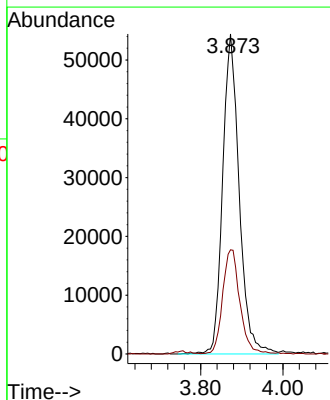
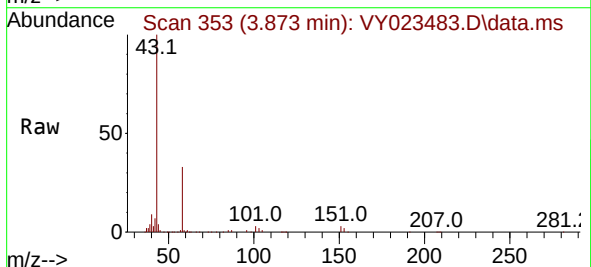
Manual Integrations
APPROVED

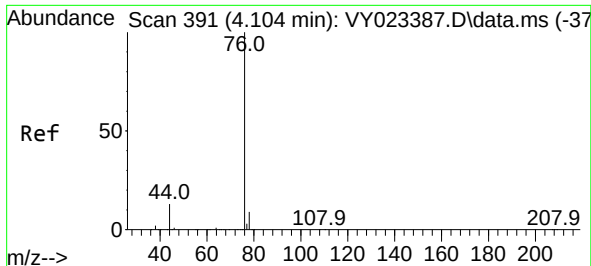
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#16
Acetone
Concen: 148.620 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

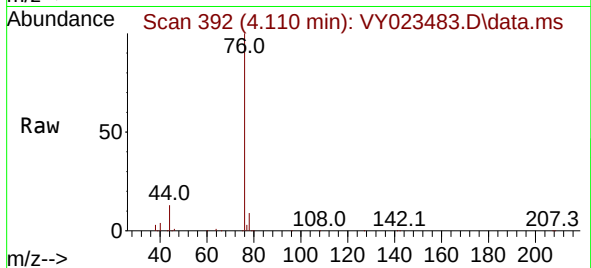
Tgt Ion: 43 Resp: 151705
Ion Ratio Lower Upper
43 100
58 32.2 27.7 41.5





#17
Carbon Disulfide
Concen: 20.684 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

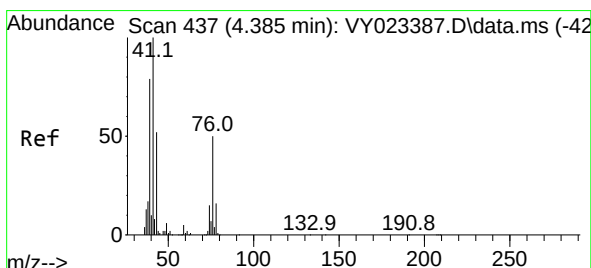
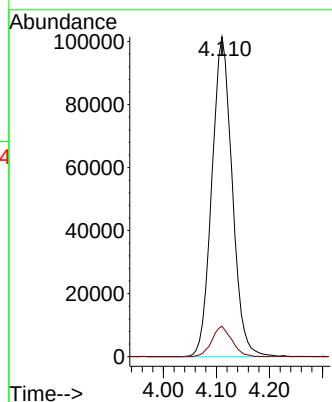
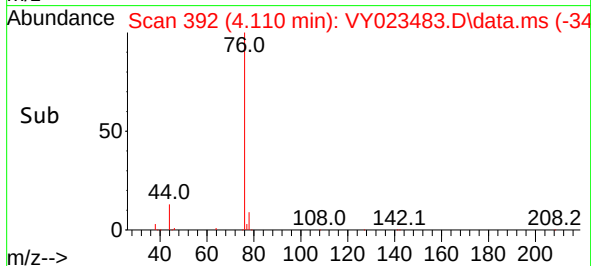
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 76 Resp: 270770
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

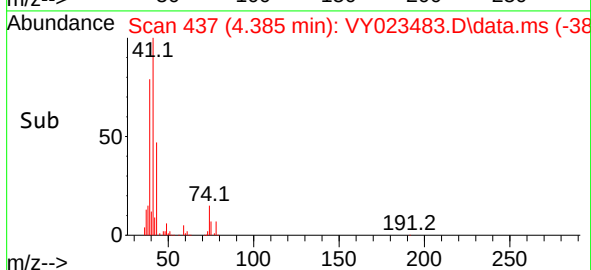
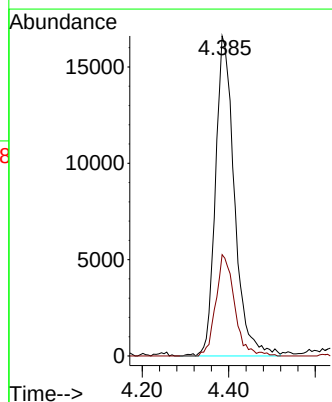
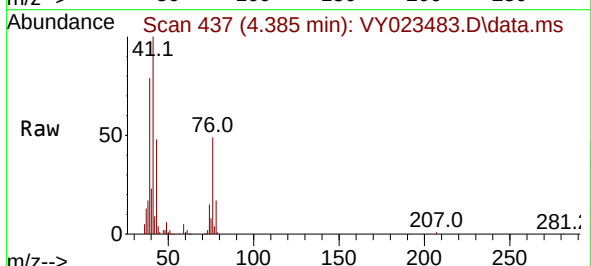
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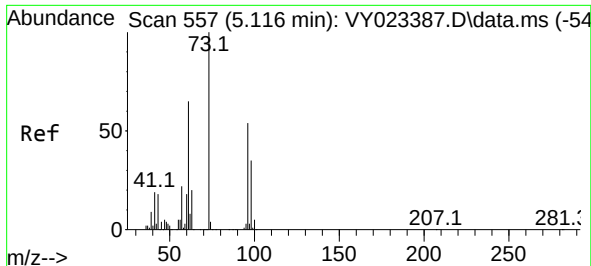
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#18
Methyl Acetate
Concen: 18.939 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Tgt Ion: 43 Resp: 50712
Ion Ratio Lower Upper
43 100
74 31.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.196 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 73 Resp: 22201

Ion Ratio Lower Upper

73 100

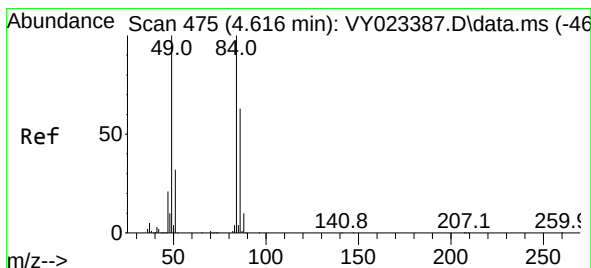
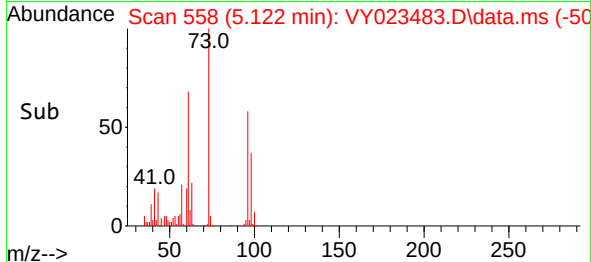
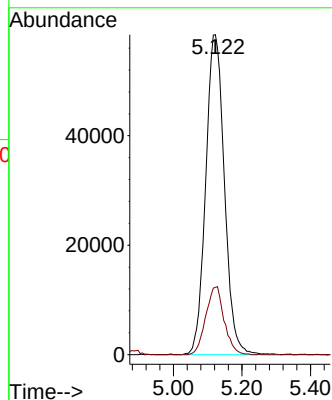
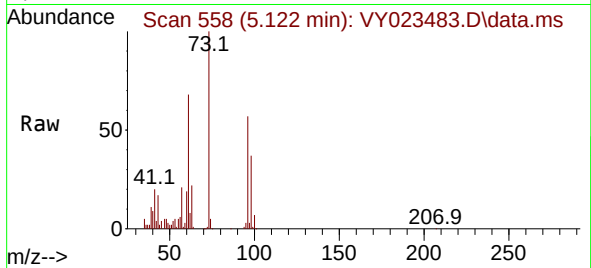
57 21.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#20

Methylene Chloride

Concen: 20.224 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Tgt Ion: 84 Resp: 111628

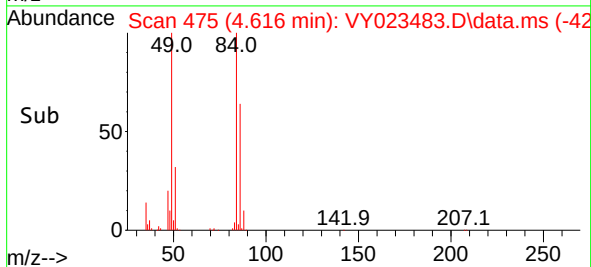
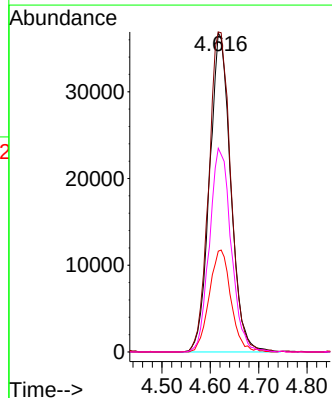
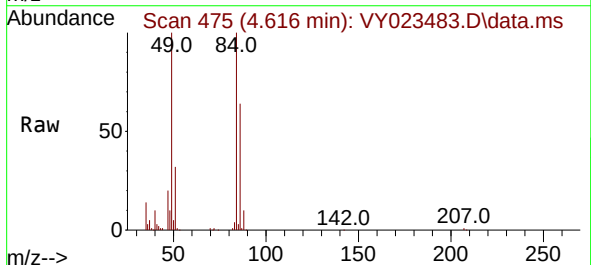
Ion Ratio Lower Upper

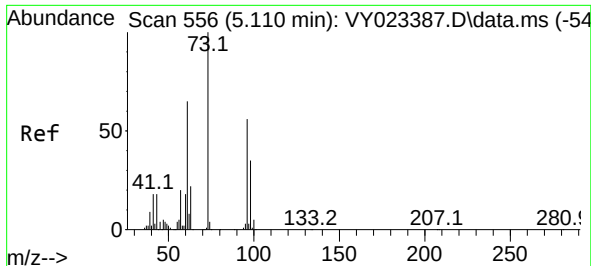
84 100

49 100.3 80.2 120.4

51 31.6 25.9 38.9

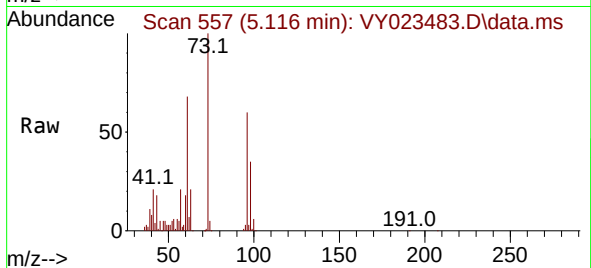
86 63.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.079 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

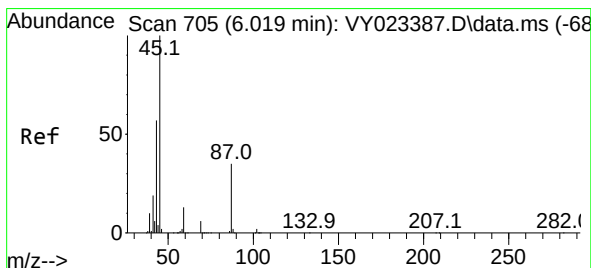
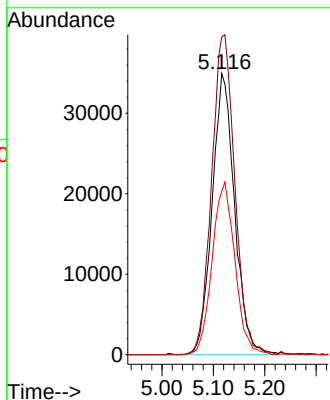
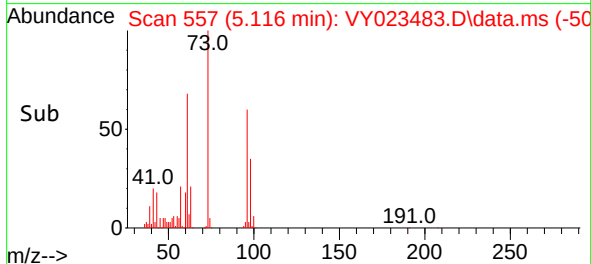
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



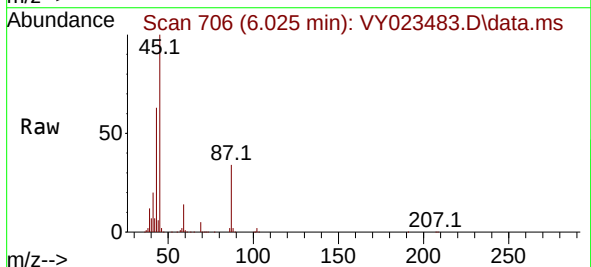
Tgt Ion: 96 Resp: 106140
Ion Ratio Lower Upper
96 100
61 113.1 92.7 139.1
98 58.1 49.7 74.5

Manual Integrations
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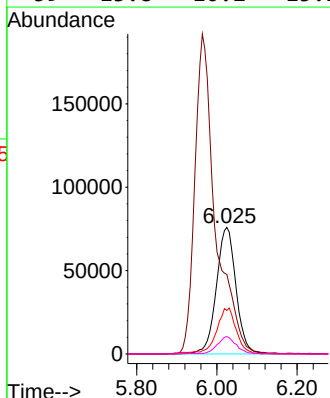
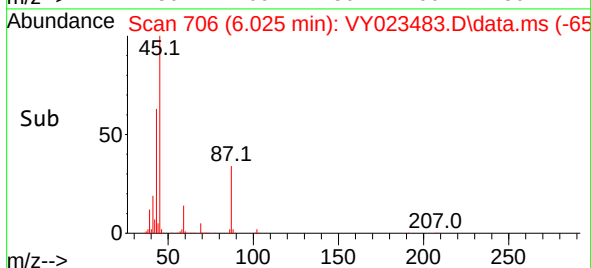
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

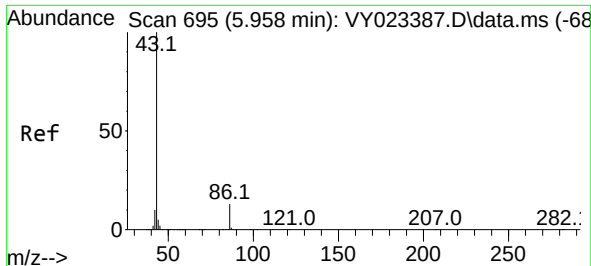


#22
Diisopropyl ether
Concen: 20.877 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



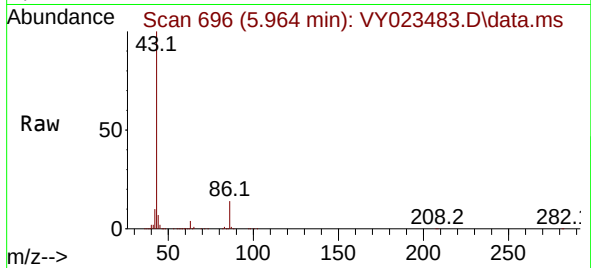
Tgt Ion: 45 Resp: 257413
Ion Ratio Lower Upper
45 100
43 62.3 45.6 68.4
87 34.3 28.1 42.1
59 13.8 10.2 15.2





#23
 Vinyl Acetate
 Concen: 102.736 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17

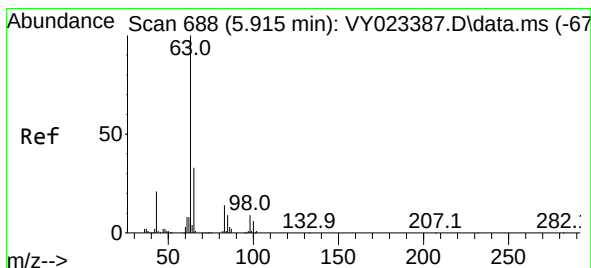
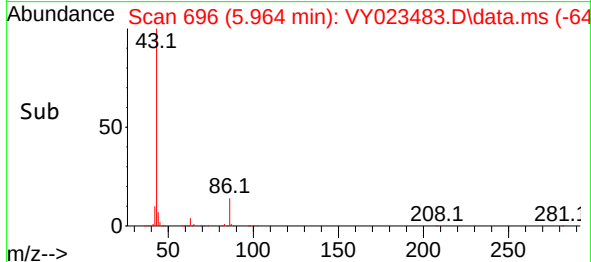
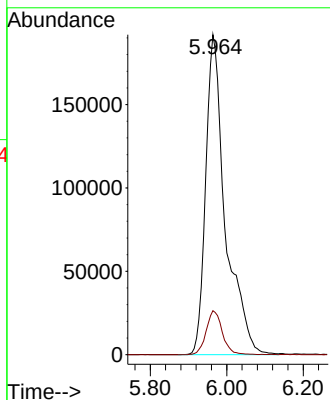
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01



Tgt Ion: 43 Resp: 68565
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8

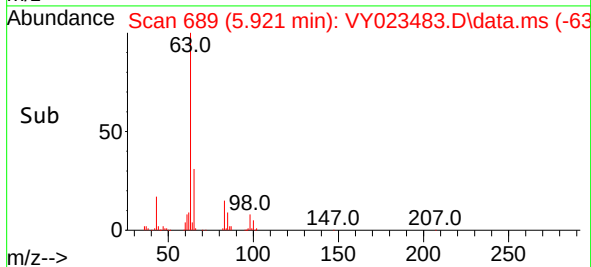
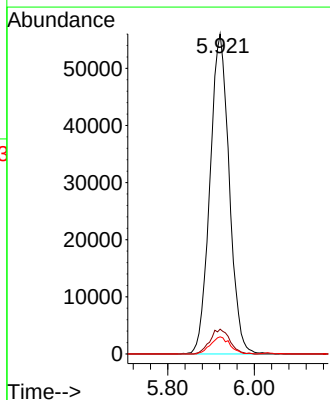
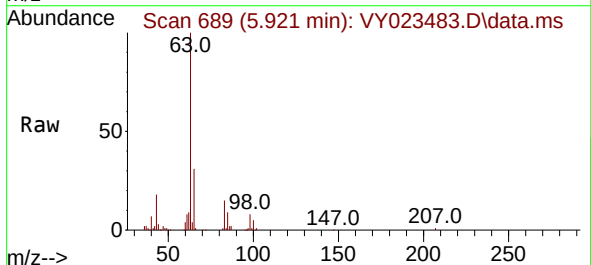
Manual Integrations
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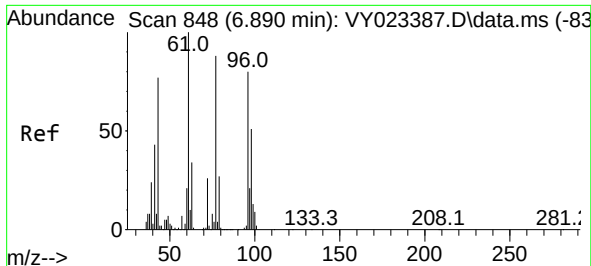
Reviewed By :John Carlone 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#24
 1,1-Dichloroethane
 Concen: 21.178 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17

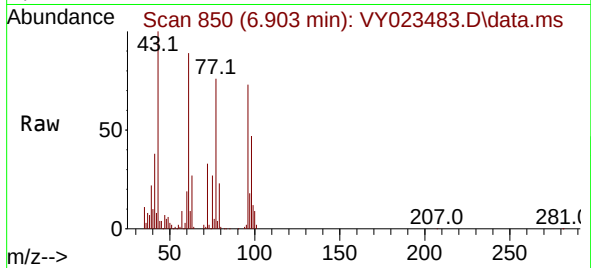
Tgt Ion: 63 Resp: 172973
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 5.4 2.8 8.4





#25
2-Butanone
Concen: 125.132 ug/l
RT: 6.903 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

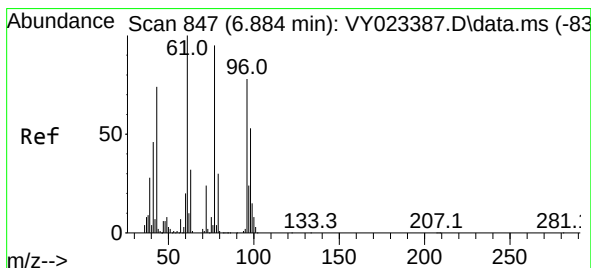
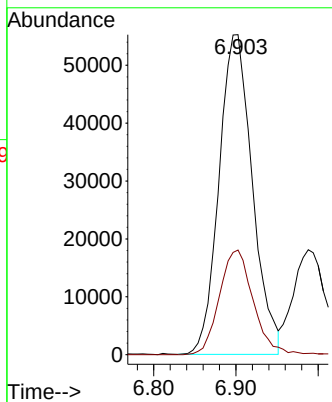
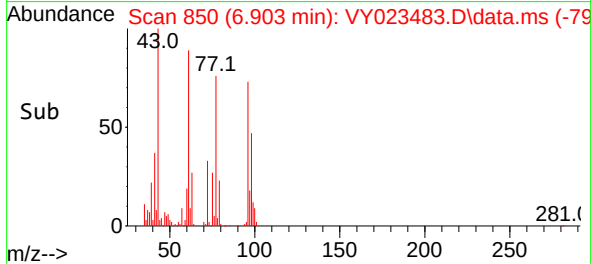
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 43 Resp: 15593
Ion Ratio Lower Upper
43 100
72 32.8 27.4 41.2

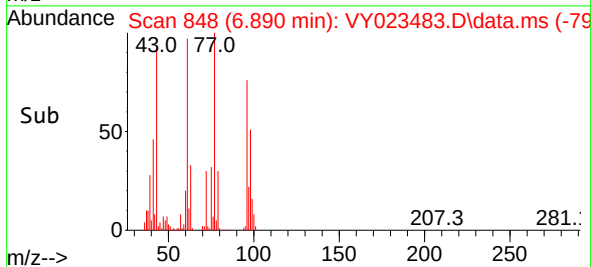
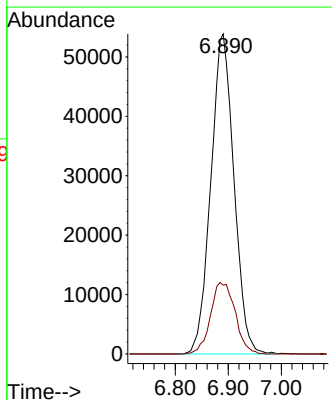
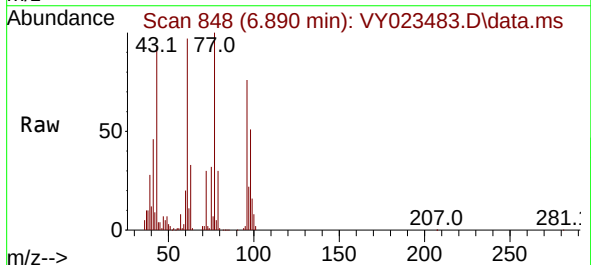
Manual Integrations
APPROVED

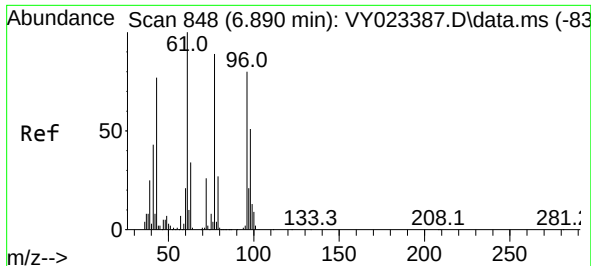
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#26
2,2-Dichloropropane
Concen: 21.766 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Tgt Ion: 77 Resp: 163122
Ion Ratio Lower Upper
77 100
97 23.8 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.769 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023483.D

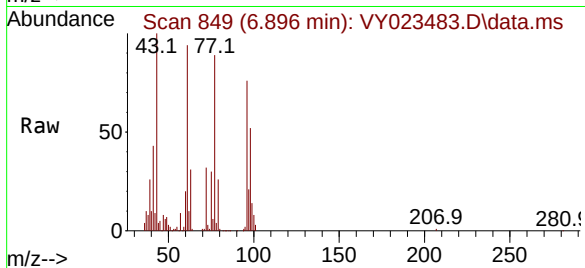
Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01



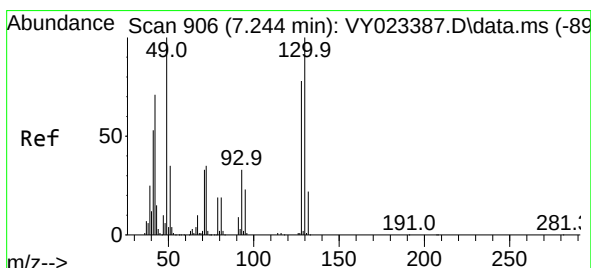
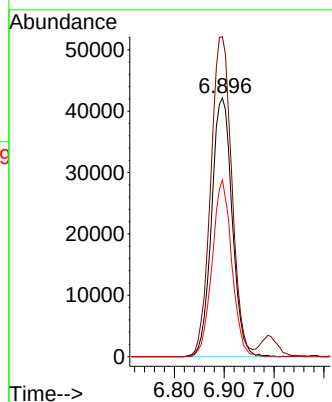
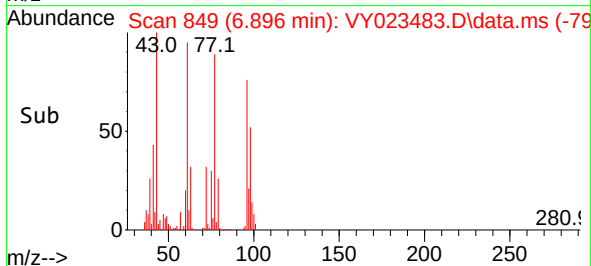
Tgt Ion:	96	Resp:	12080
Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	258.2
98	65.0	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#28

Bromochloromethane

Concen: 21.600 ug/l

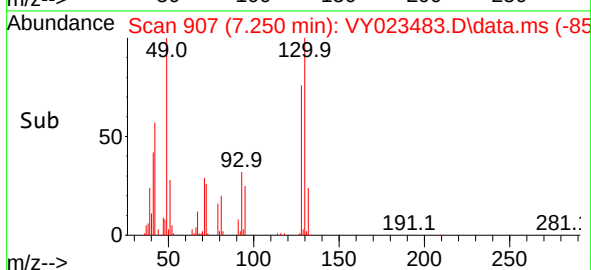
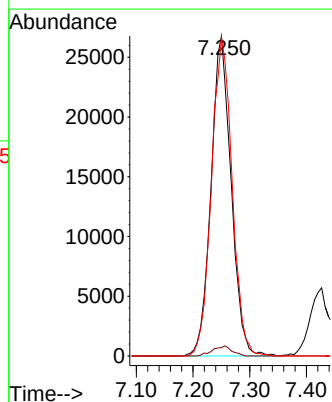
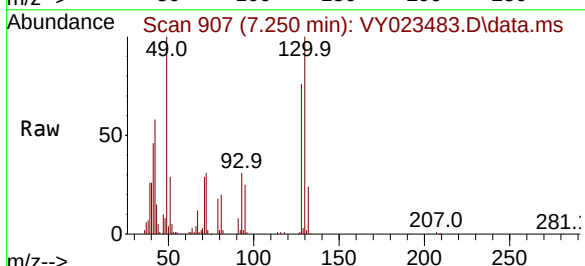
RT: 7.250 min Scan# 907

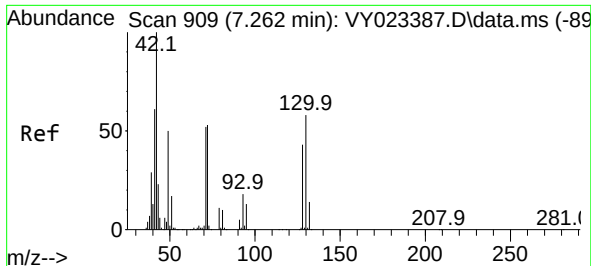
Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Tgt Ion:	49	Resp:	65858
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.4	81.9	122.9





#29

Tetrahydrofuran

Concen: 98.851 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

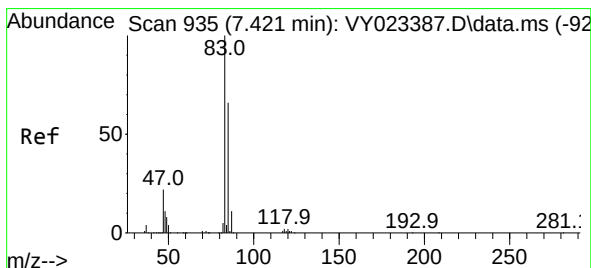
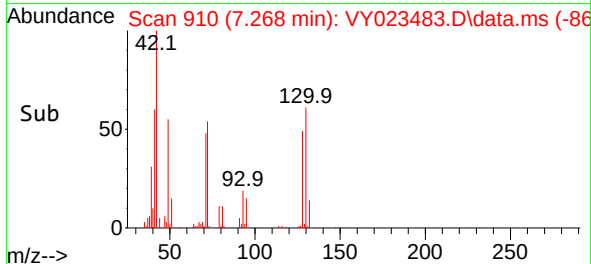
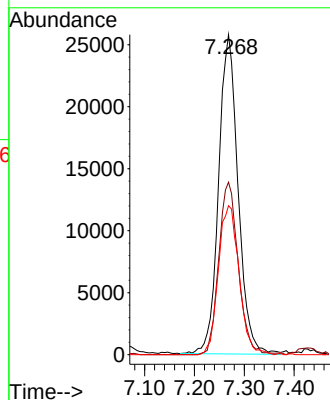
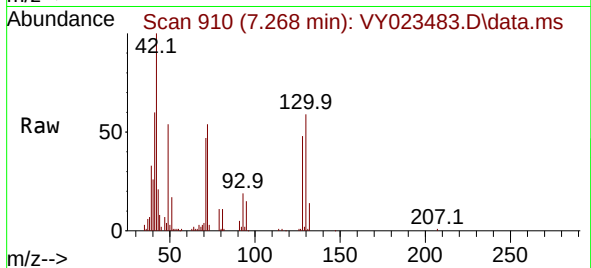
Tgt Ion:	42	Resp:	6985
Ion Ratio	Lower	Upper	
42	100		
72	54.1	43.0	64.6
71	49.6	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#30

Chloroform

Concen: 21.635 ug/l

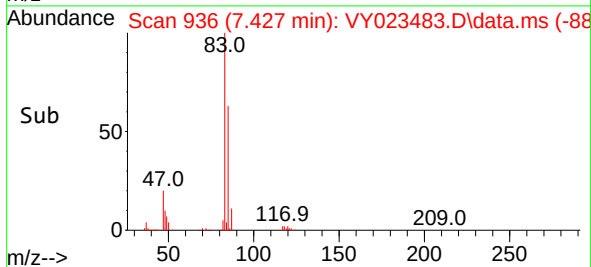
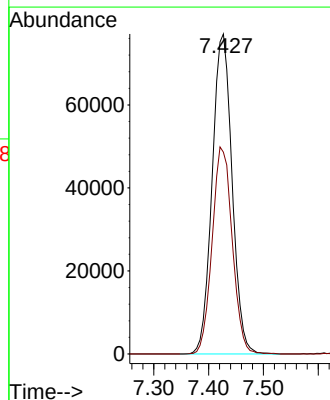
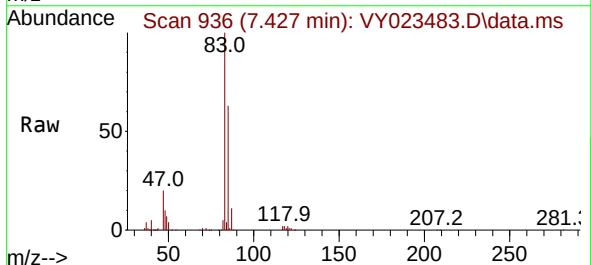
RT: 7.427 min Scan# 936

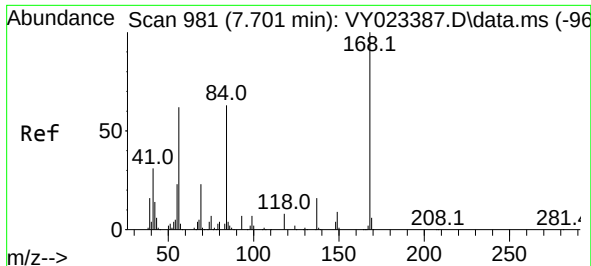
Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

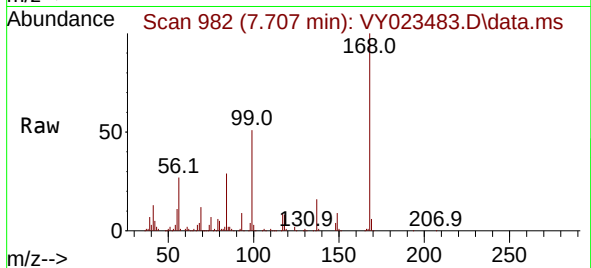
Tgt Ion:	83	Resp:	194145
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.5	78.7





#31
Cyclohexane
Concen: 19.615 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

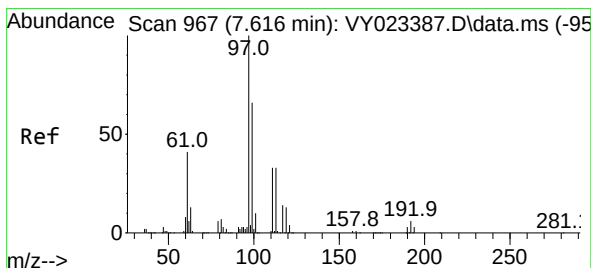
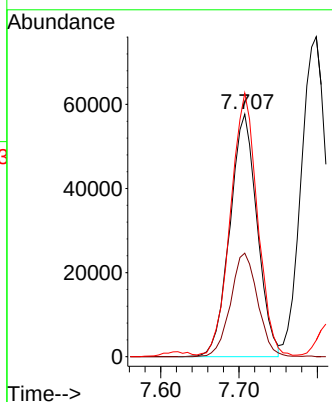
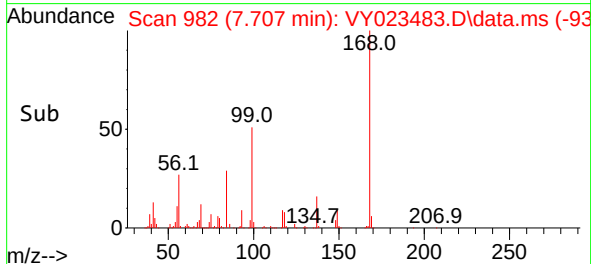
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



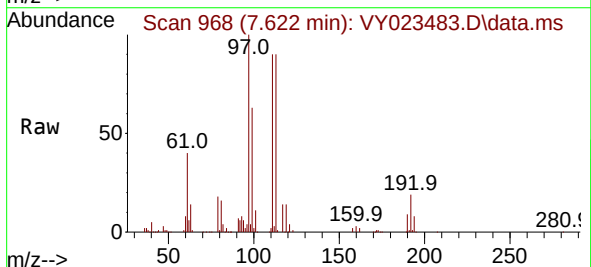
Tgt Ion: 56 Resp: 139900
Ion Ratio Lower Upper
56 100
69 42.7 30.0 45.0
84 106.7 81.2 121.8

Manual Integrations
APPROVED

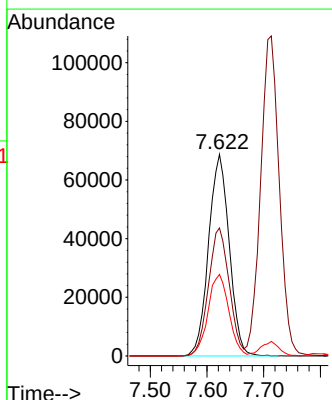
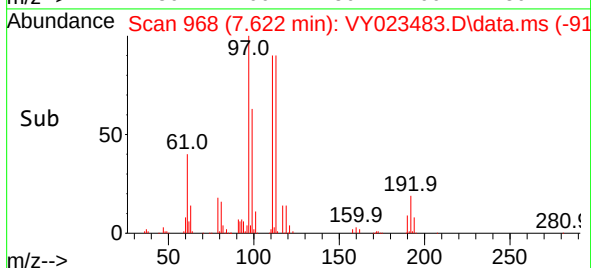
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

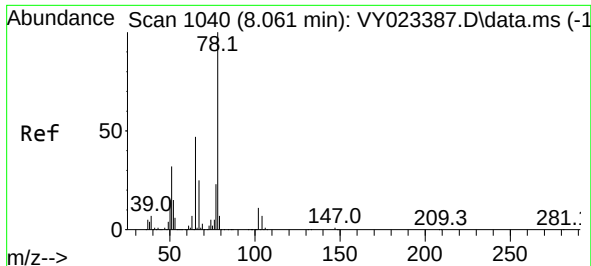


#32
1,1,1-Trichloroethane
Concen: 21.319 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion: 97 Resp: 173853
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 40.9 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 50.178 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 65 Resp: 21514

Ion Ratio Lower Upper

65 100

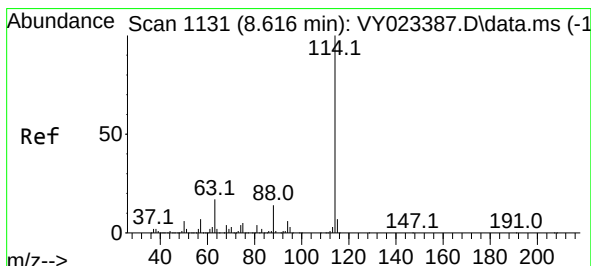
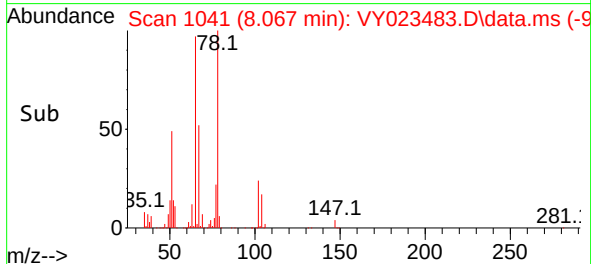
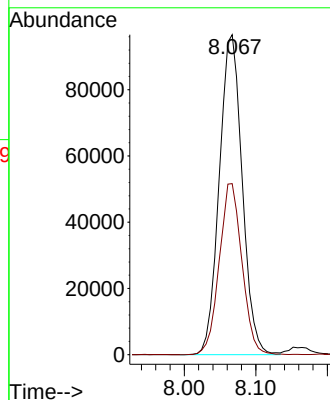
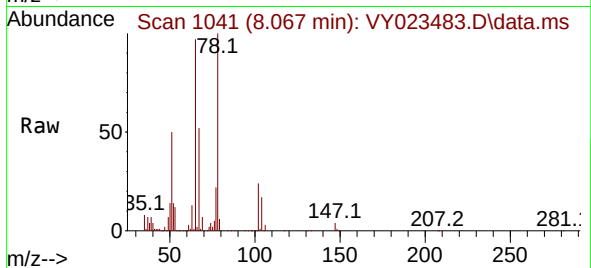
67 53.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

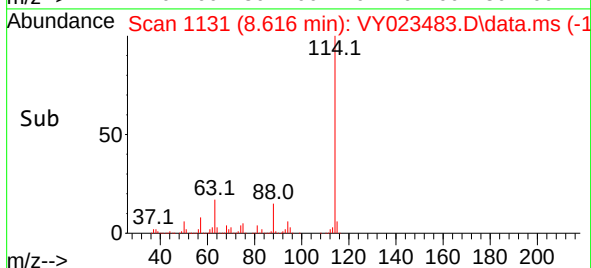
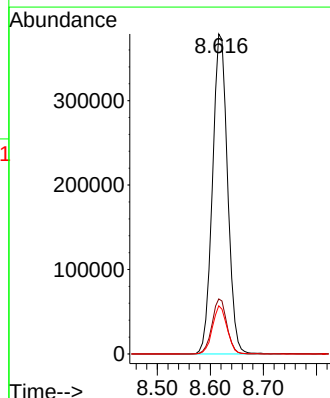
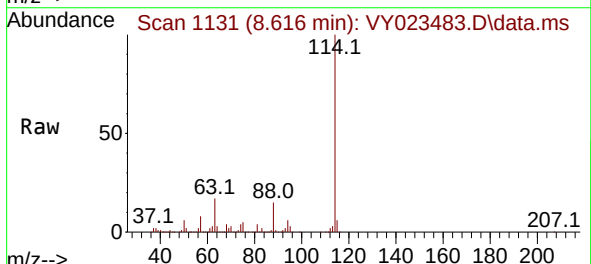
Tgt Ion:114 Resp: 747160

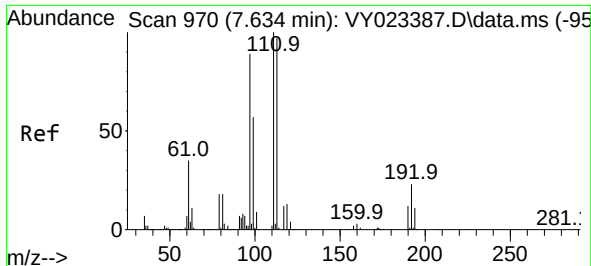
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

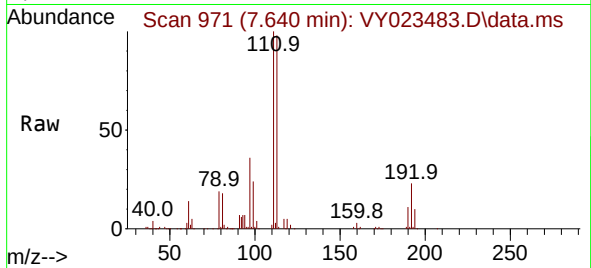
88 15.1 0.0 28.4





#35
Dibromofluoromethane
Concen: 52.298 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

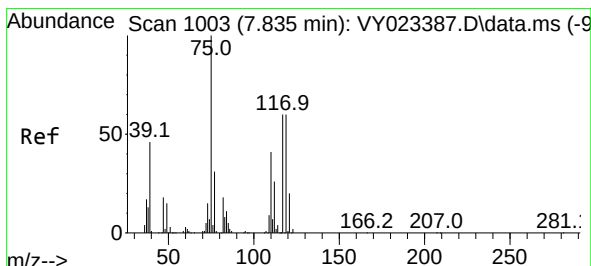
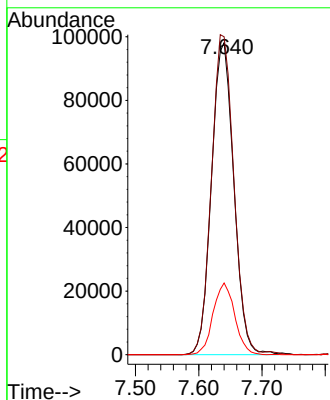
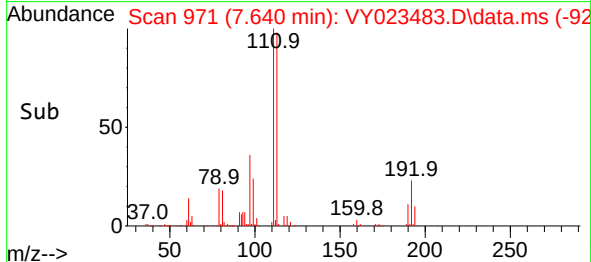
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



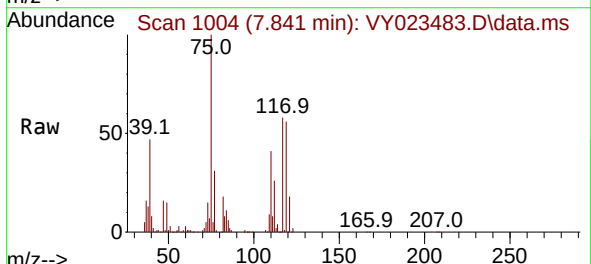
Tgt Ion: 113 Resp: 240099
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 22.3 18.0 27.0

Manual Integrations
APPROVED

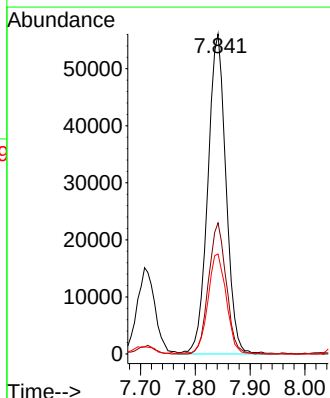
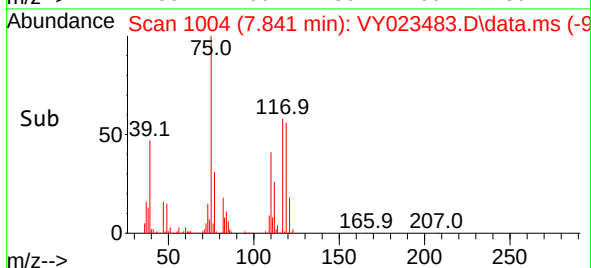
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

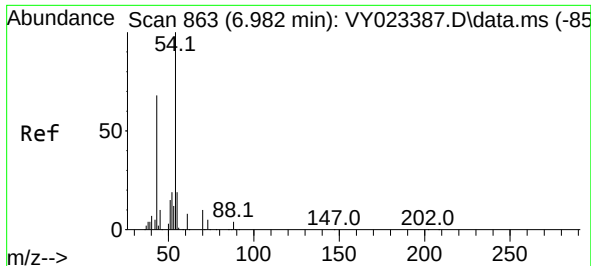


#36
1,1-Dichloropropene
Concen: 21.209 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



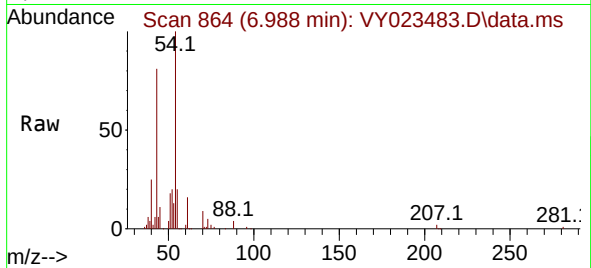
Tgt Ion: 75 Resp: 128905
Ion Ratio Lower Upper
75 100
110 39.8 19.9 59.7
77 31.8 25.0 37.6





#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

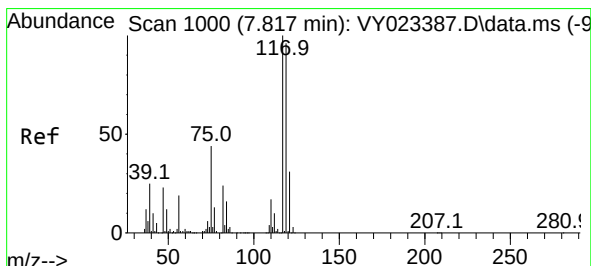
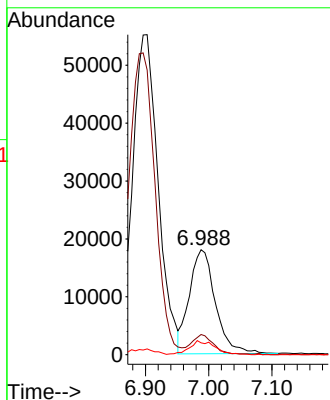
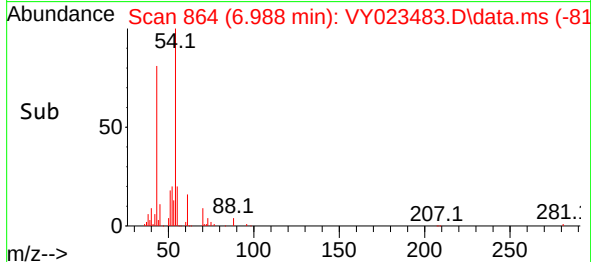
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



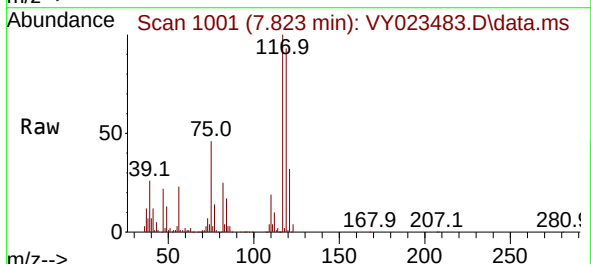
Tgt Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.8
70 13.0 10.5 15.7

Manual Integrations
APPROVED

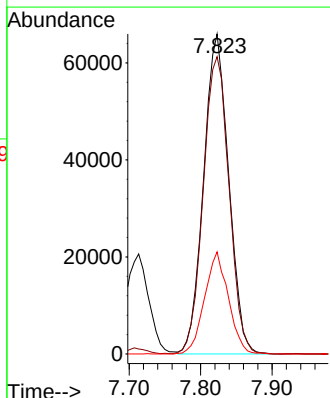
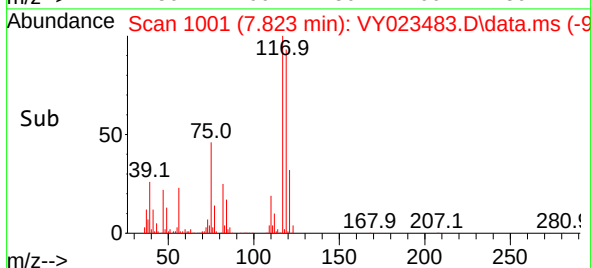
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

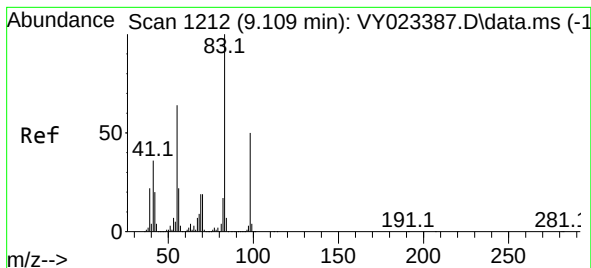


#38
Carbon Tetrachloride
Concen: 21.831 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



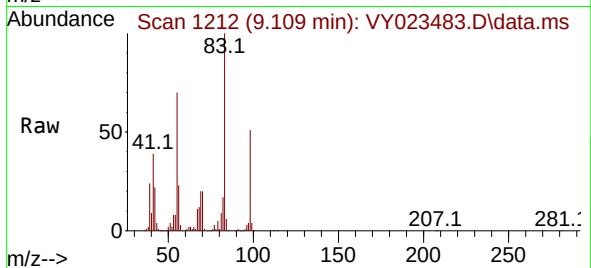
Tgt Ion:117 Resp: 160890
Ion Ratio Lower Upper
117 100
119 92.9 76.8 115.2
121 31.9 24.5 36.7





#39
Methylcyclohexane
Concen: 20.009 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

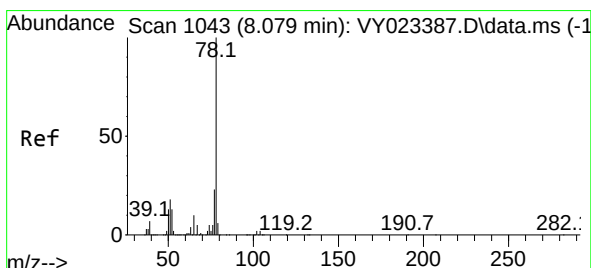
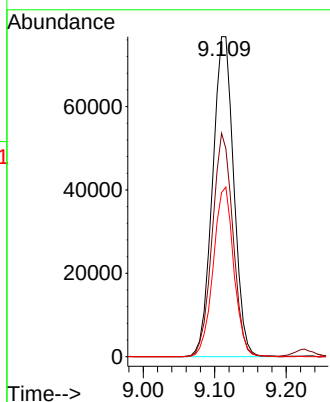
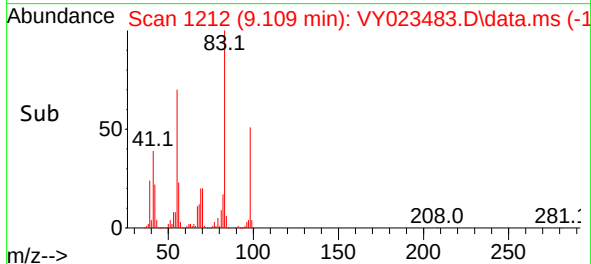
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



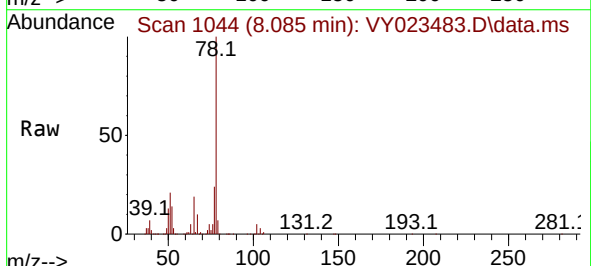
Tgt Ion: 83 Resp: 158344
Ion Ratio Lower Upper
83 100
55 69.8 51.4 77.2
98 51.3 40.4 60.6

Manual Integrations
APPROVED

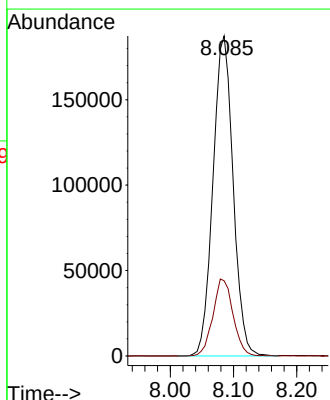
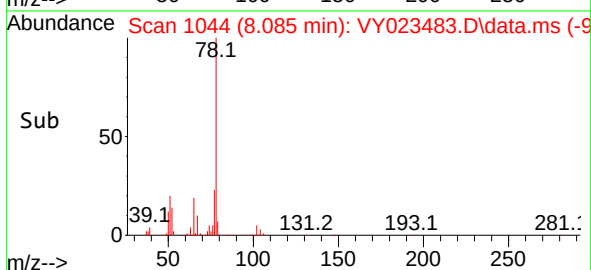
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

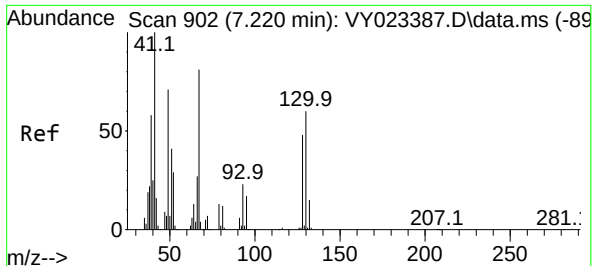


#40
Benzene
Concen: 21.477 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



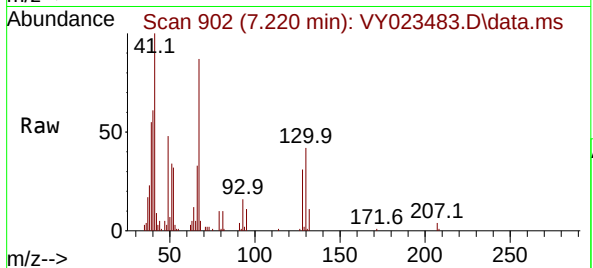
Tgt Ion: 78 Resp: 413392
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5





#41
Methacrylonitrile
Concen: 19.154 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

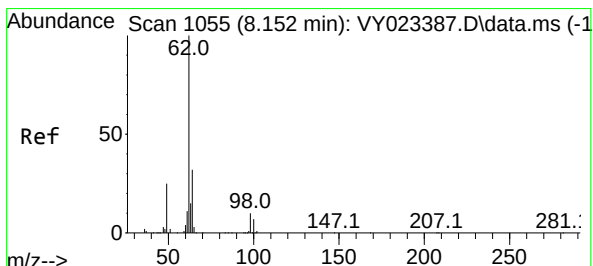
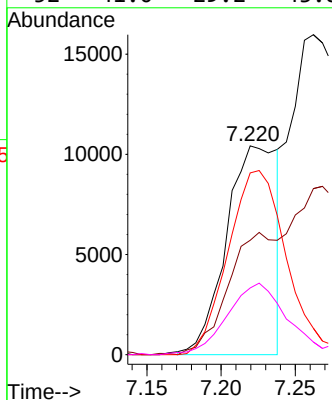
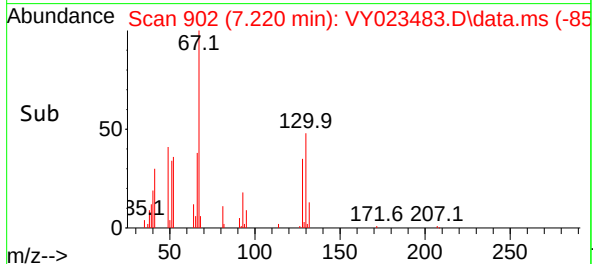
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



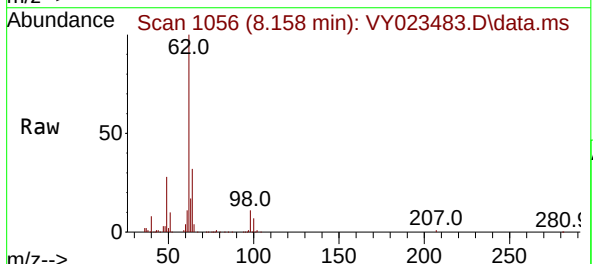
Tgt Ion:	41	Resp:	2494
Ion	Ratio	Lower	Upper
41	100		
39	56.6	52.2	78.4
67	102.6	74.9	112.3
52	41.0	29.2	43.8

Manual Integrations
APPROVED

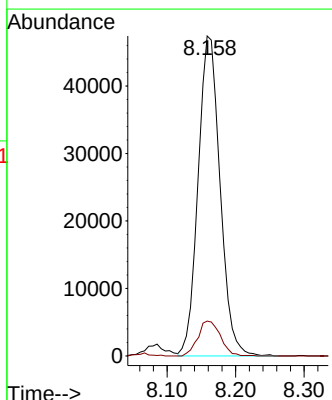
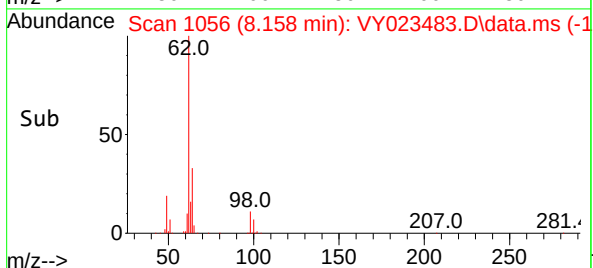
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

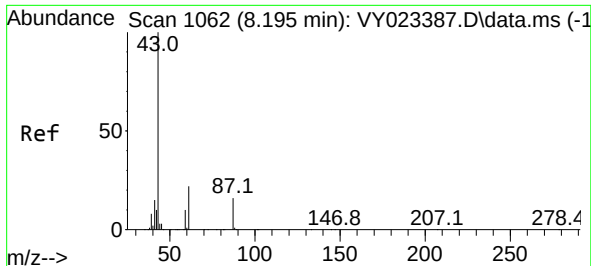


#42
1,2-Dichloroethane
Concen: 21.334 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



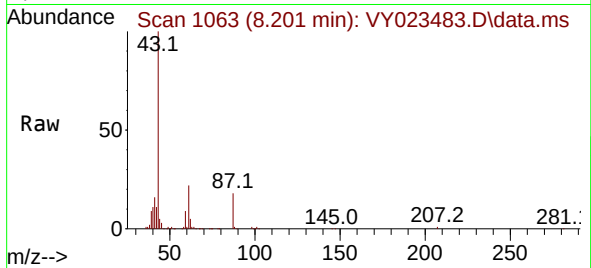
Tgt Ion:	62	Resp:	105907
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.6





#43
Isopropyl Acetate
Concen: 20.128 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

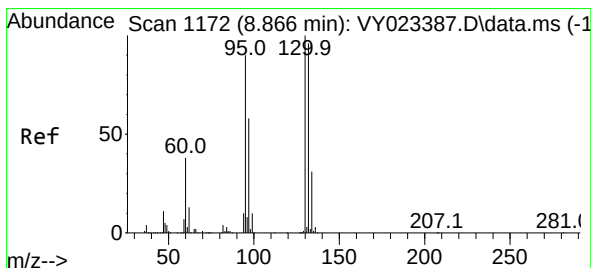
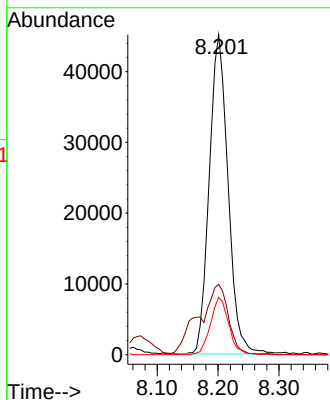
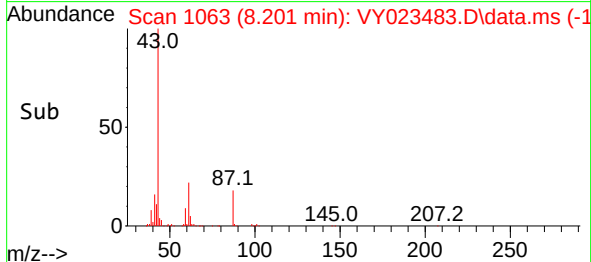
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



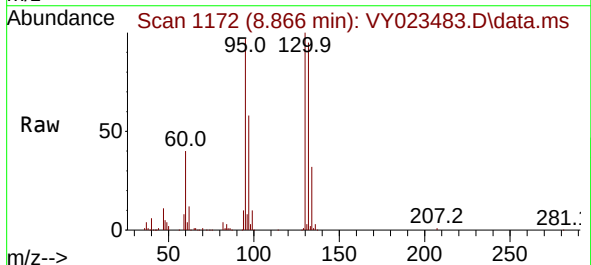
Tgt Ion: 43 Resp: 9664
Ion Ratio Lower Upper
43 100
61 33.9 18.1 27.1
87 17.4 13.5 20.3

Manual Integrations
APPROVED

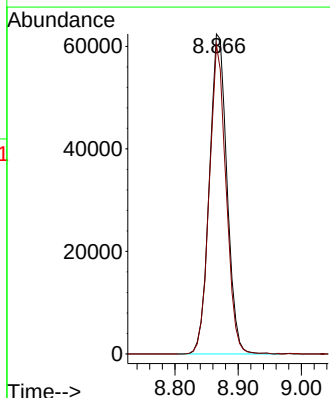
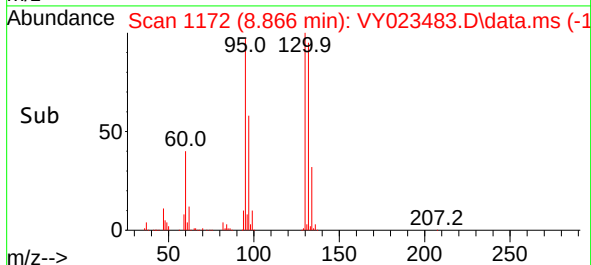
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

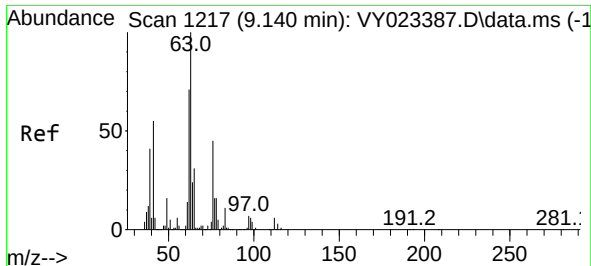


#44
Trichloroethene
Concen: 21.370 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion:130 Resp: 120393
Ion Ratio Lower Upper
130 100
95 96.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.449 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 63 Resp: 9119

Ion Ratio Lower Upper

63 100

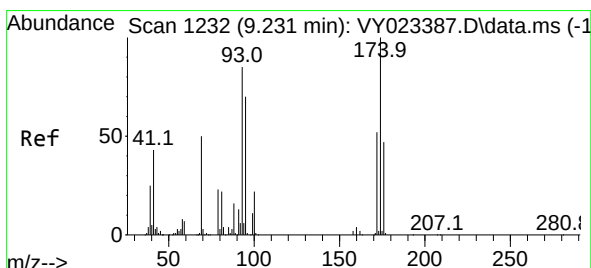
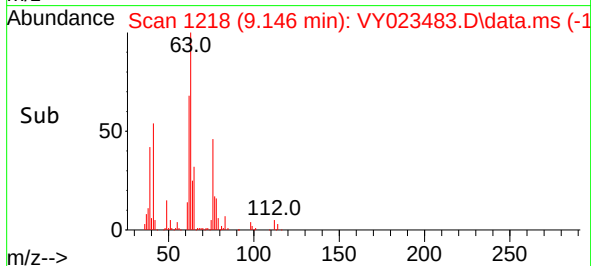
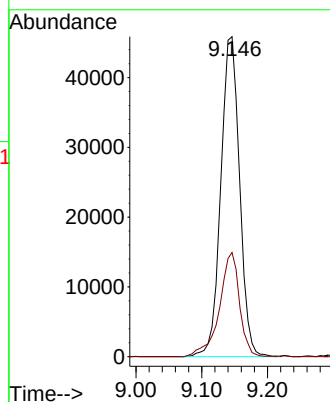
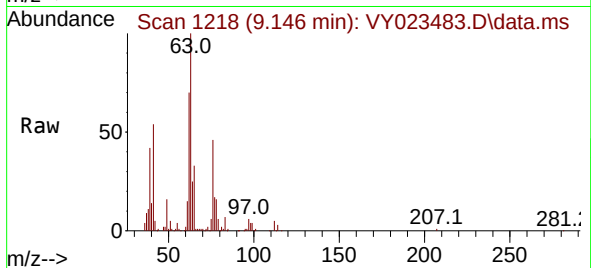
65 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#46

Dibromomethane

Concen: 21.944 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

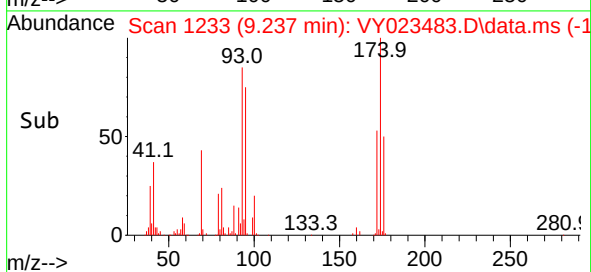
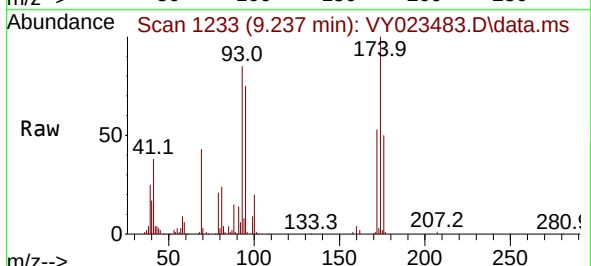
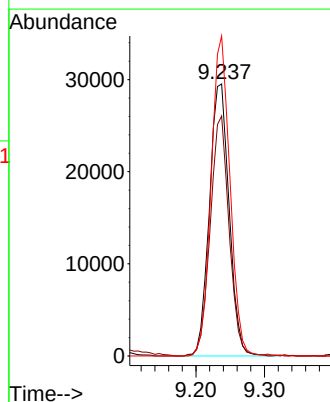
Tgt Ion: 93 Resp: 58994

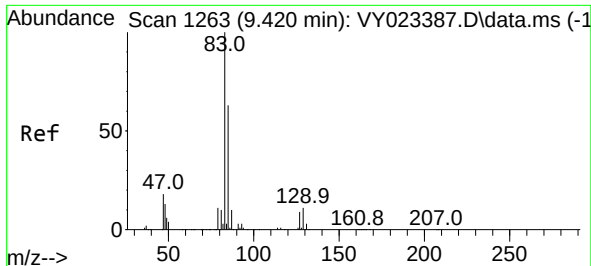
Ion Ratio Lower Upper

93 100

95 84.4 65.4 98.0

174 111.7 92.9 139.3





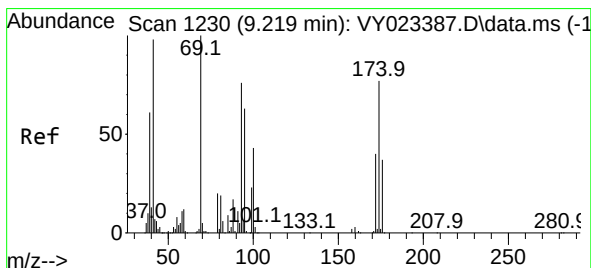
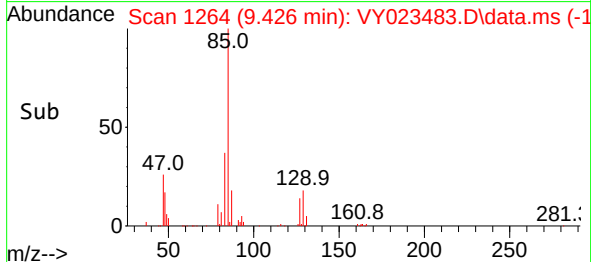
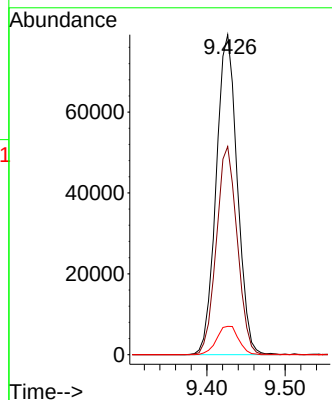
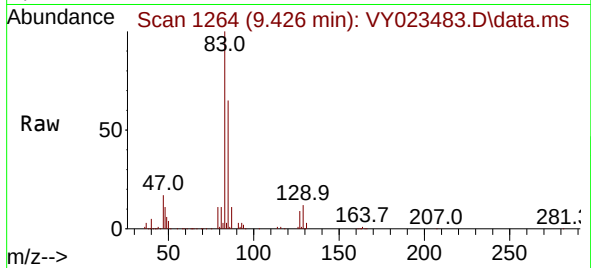
#47
Bromodichloromethane
Concen: 21.869 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion: 83 Resp: 148068
Ion Ratio Lower Upper
83 100
85 65.0 50.8 76.2
127 8.9 7.4 11.2

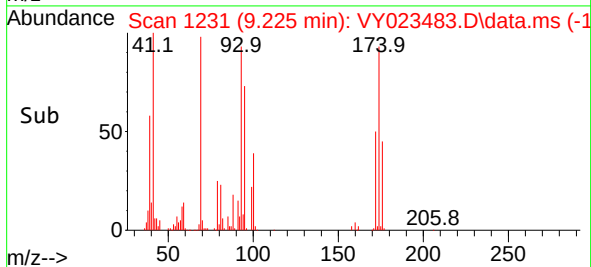
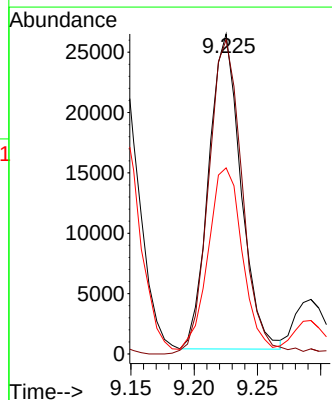
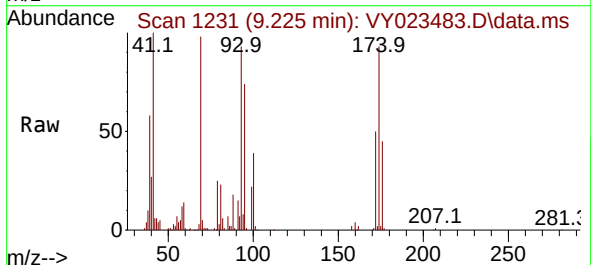
Manual Integrations
APPROVED

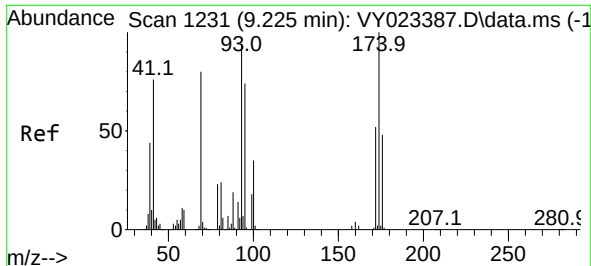
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#48
Methyl methacrylate
Concen: 20.477 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Tgt Ion: 41 Resp: 46189
Ion Ratio Lower Upper
41 100
69 105.5 81.0 121.4
39 60.4 48.2 72.4





#49

1,4-Dioxane

Concen: 411.943 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 88 Resp: 12840

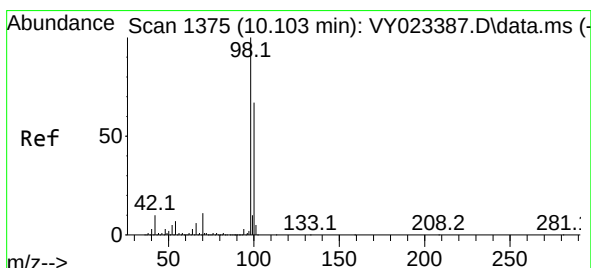
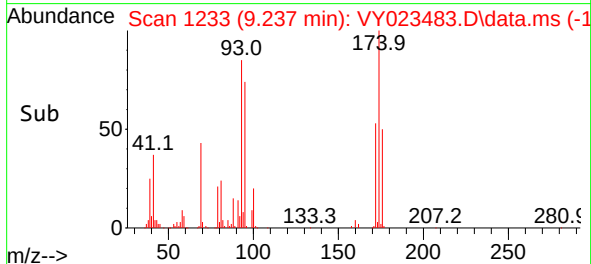
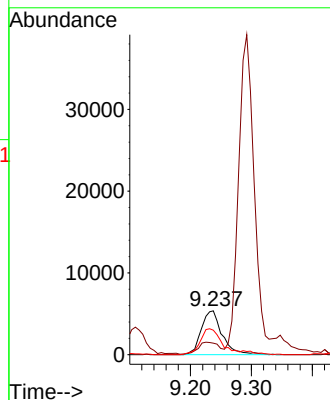
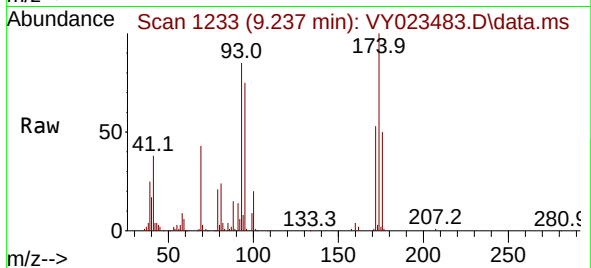
Ion	Ratio	Lower	Upper
88	100		
43	27.1	21.8	32.8
58	59.5	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#50

Toluene-d8

Concen: 52.055 ug/l

RT: 10.109 min Scan# 1376

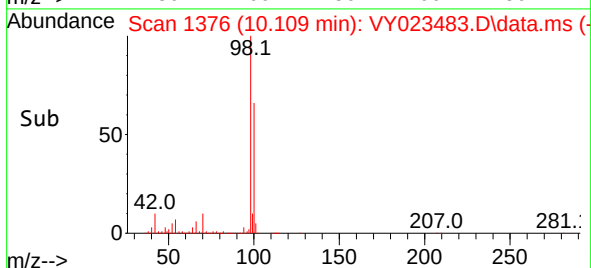
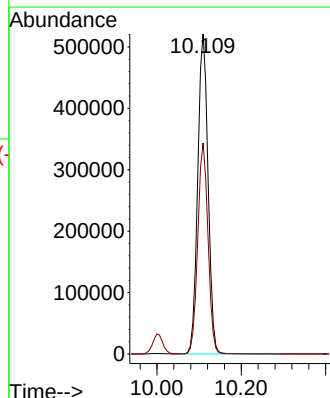
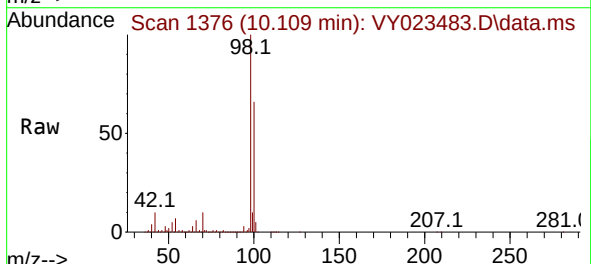
Delta R.T. 0.006 min

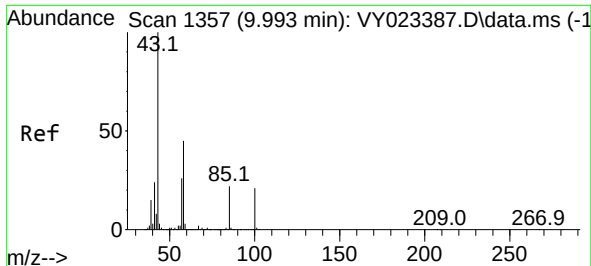
Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Tgt Ion: 98 Resp: 889998

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4





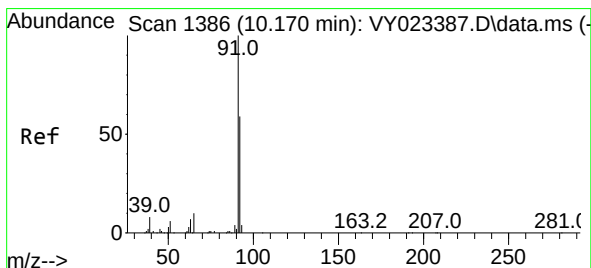
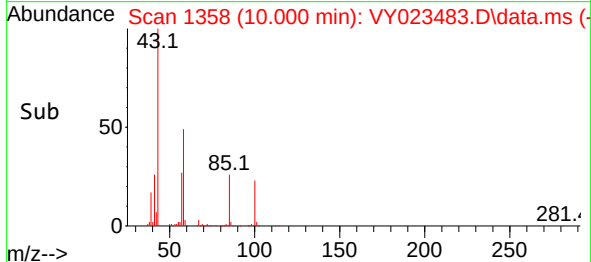
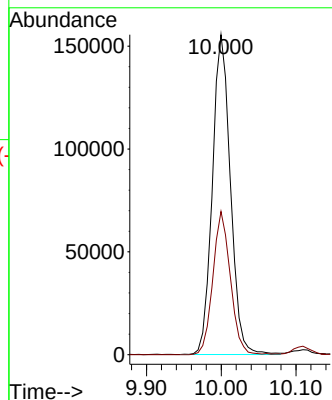
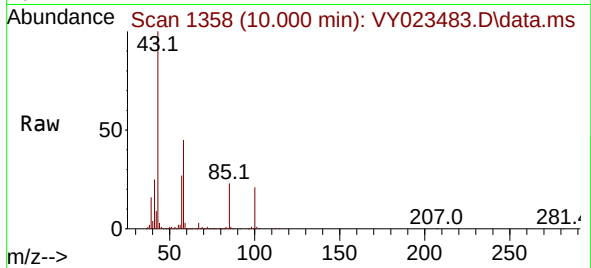
#51
4-Methyl-2-Pentanone
Concen: 105.500 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion: 43 Resp: 261718
Ion Ratio Lower Upper
43 100
58 43.5 35.3 52.9

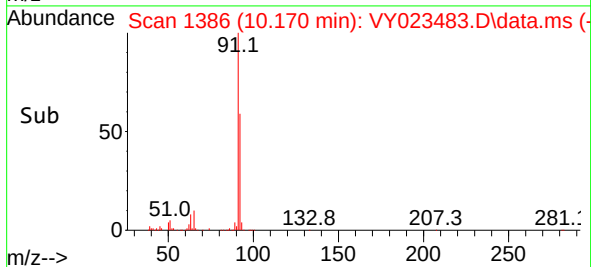
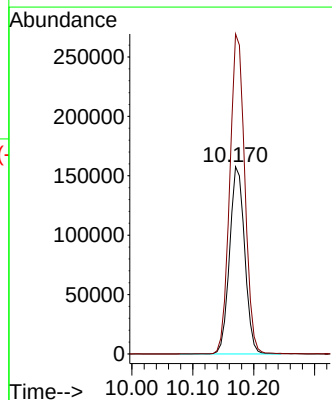
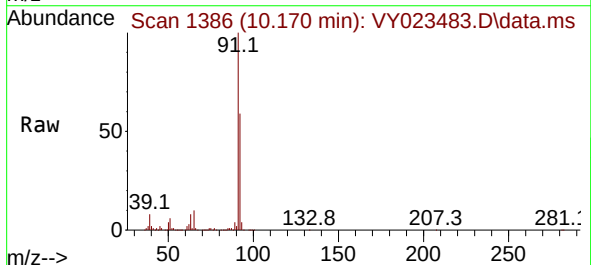
Manual Integrations
APPROVED

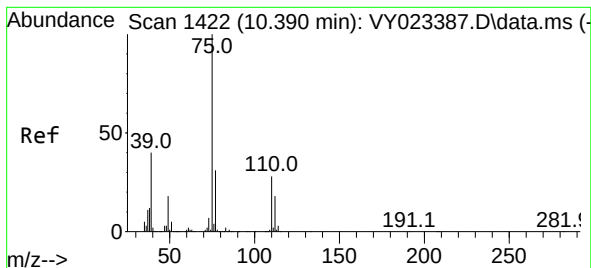
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#52
Toluene
Concen: 21.662 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

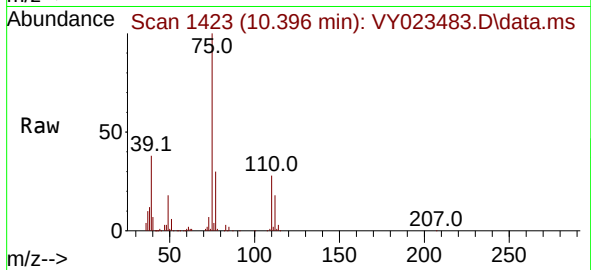
Tgt Ion: 92 Resp: 270724
Ion Ratio Lower Upper
92 100
91 169.9 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 20.920 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

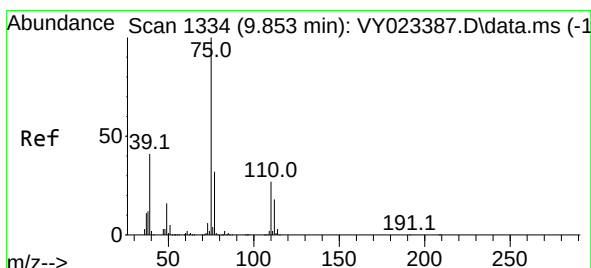
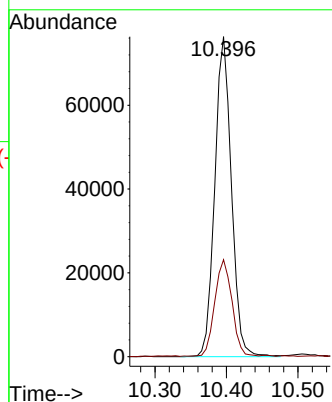
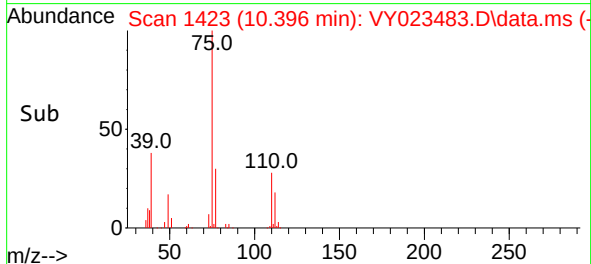
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 75 Resp: 12316
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7

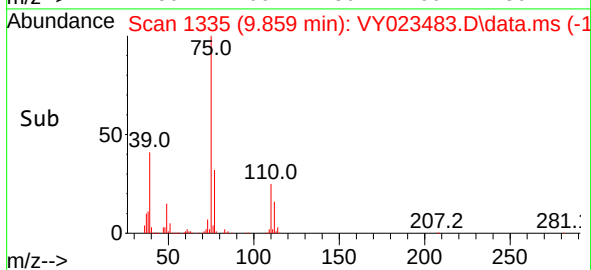
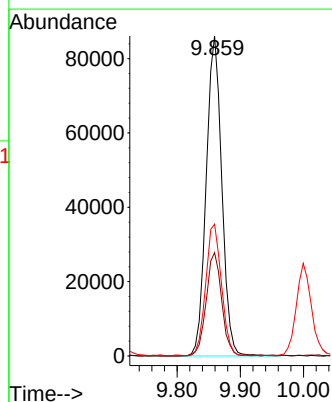
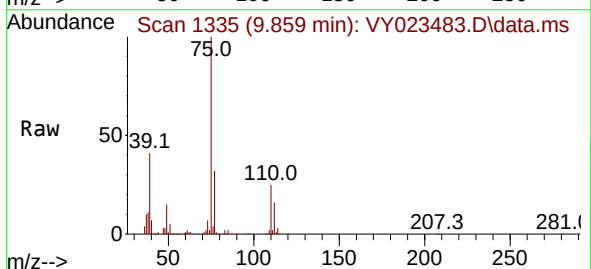
Manual Integrations
APPROVED

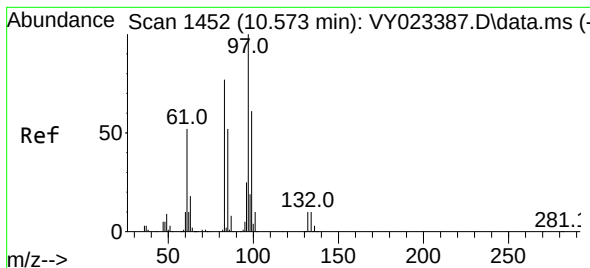
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#54
cis-1,3-Dichloropropene
Concen: 21.255 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

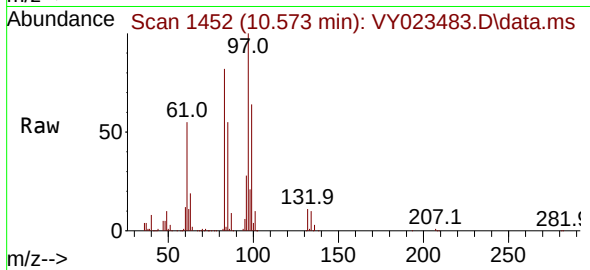
Tgt Ion: 75 Resp: 147686
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 41.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 22.123 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

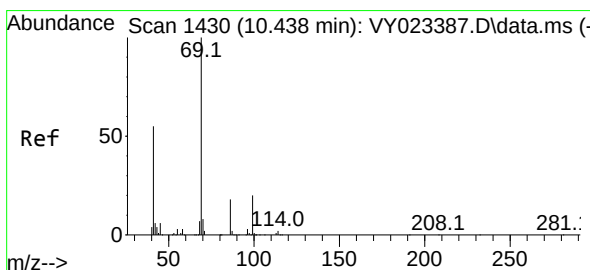
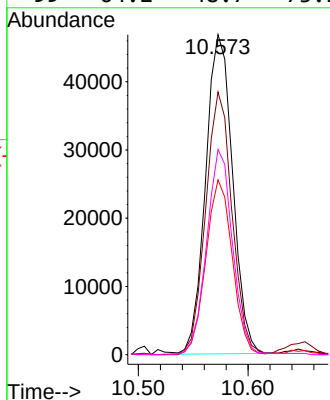
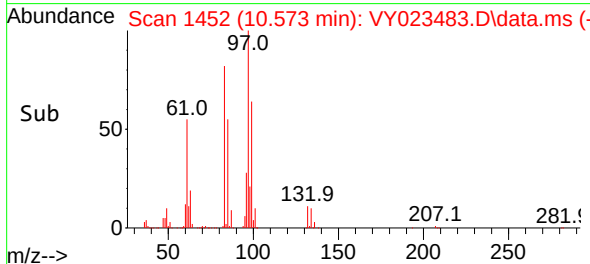
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	61.8	92.6
85	54.9	41.3	61.9
99	64.2	48.7	73.1

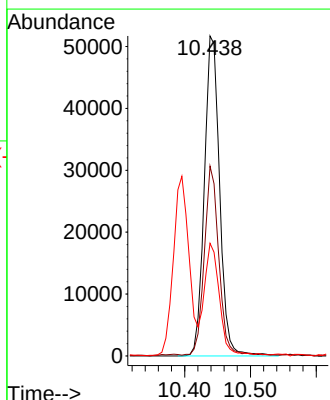
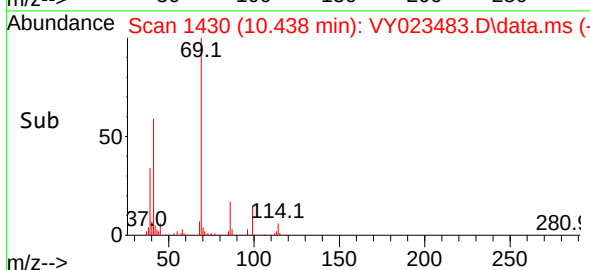
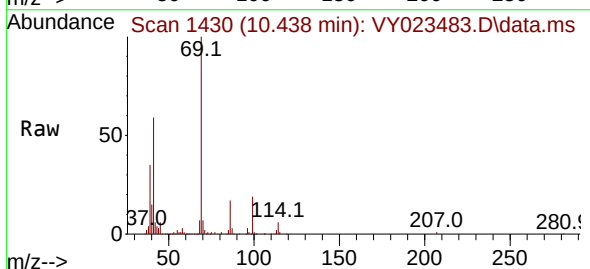
Manual Integrations
APPROVED

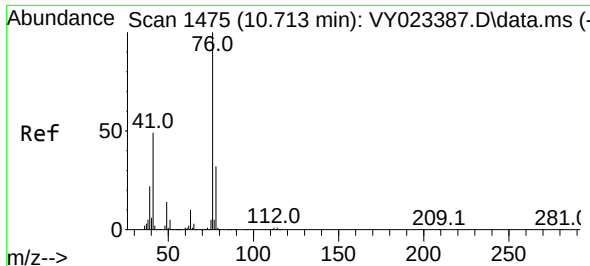
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#56
Ethyl methacrylate
Concen: 20.123 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

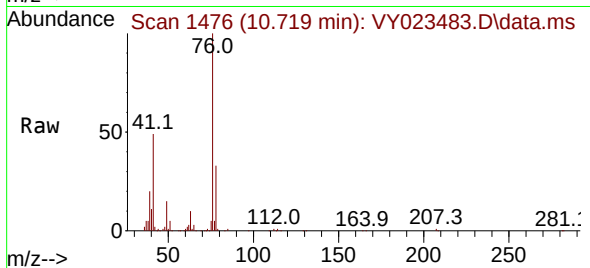
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.5	44.6	67.0
39	33.9	27.0	40.4





#57
1,3-Dichloropropane
Concen: 21.839 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

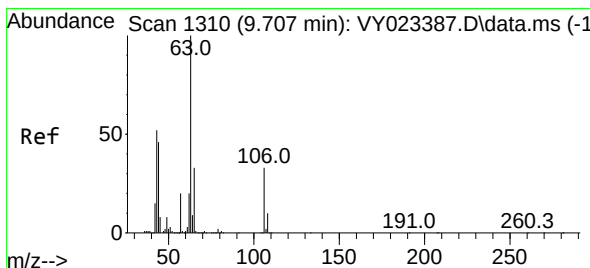
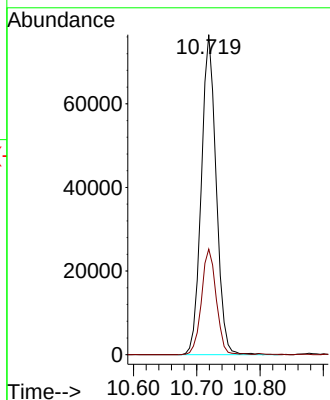
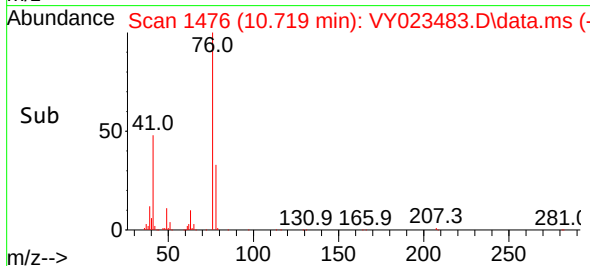
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 76 Resp: 125109
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

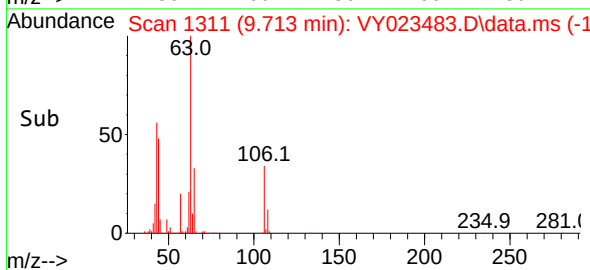
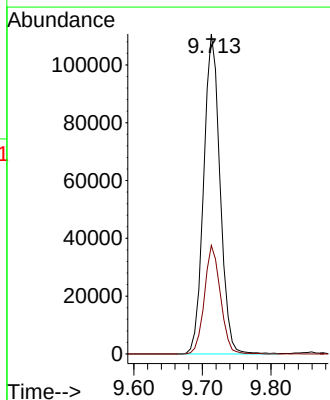
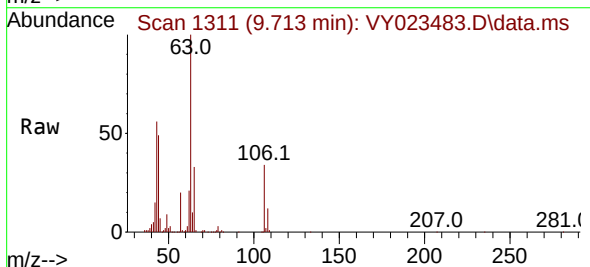
Manual Integrations
APPROVED

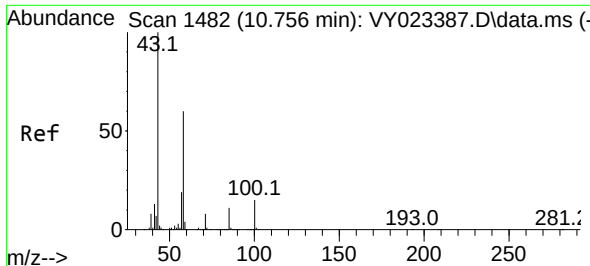
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.409 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

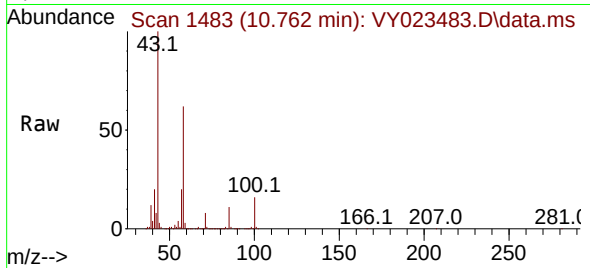
Tgt Ion: 63 Resp: 183838
Ion Ratio Lower Upper
63 100
106 33.2 26.6 39.8





#59
2-Hexanone
Concen: 122.187 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

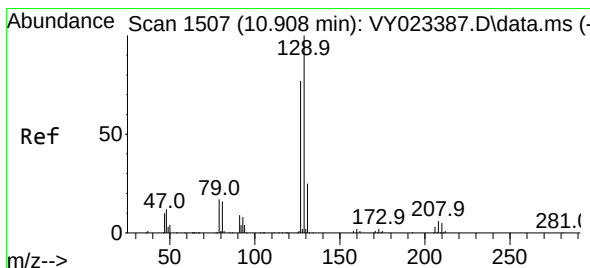
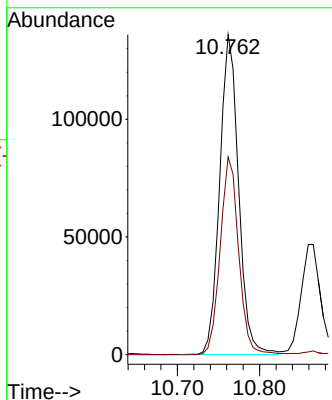
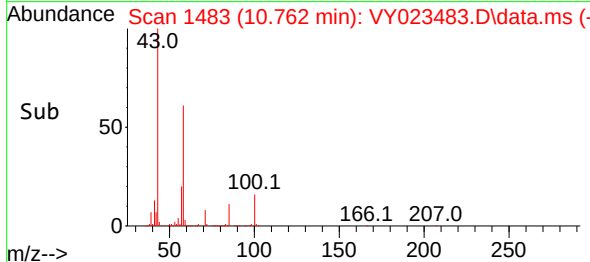
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



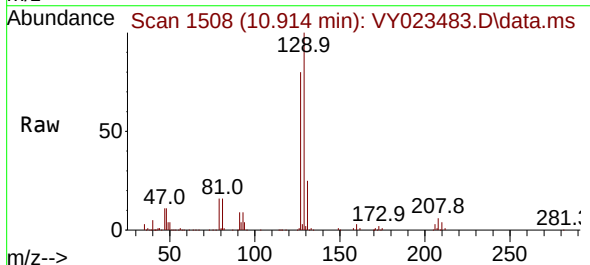
Tgt Ion: 43 Resp: 216617
Ion Ratio Lower Upper
43 100
58 60.4 30.5 91.5

Manual Integrations
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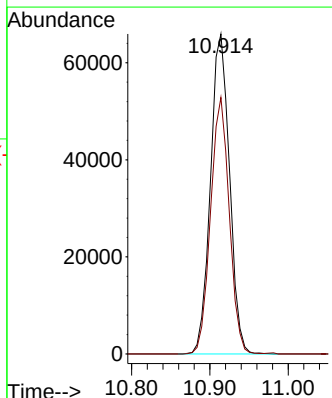
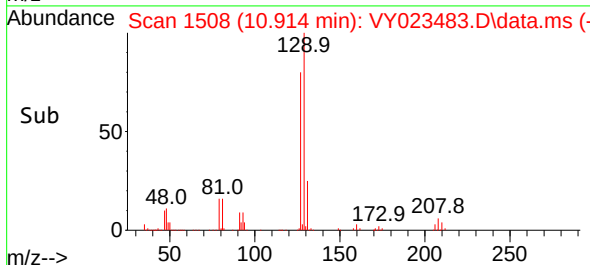
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

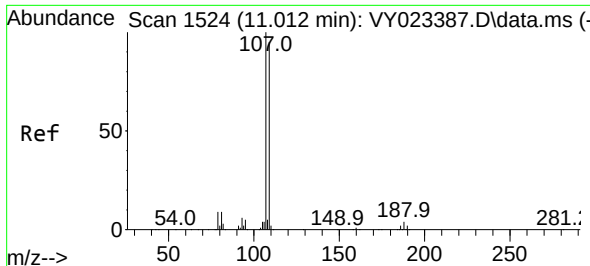


#60
Dibromochloromethane
Concen: 21.973 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



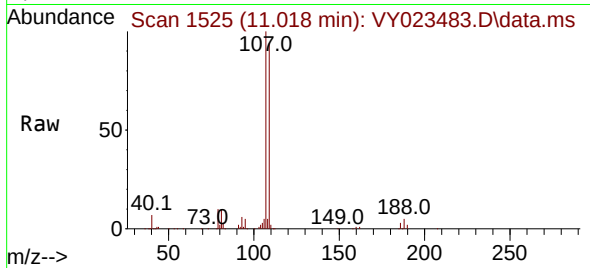
Tgt Ion:129 Resp: 111370
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 21.518 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

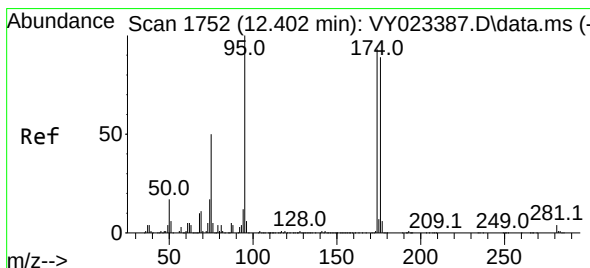
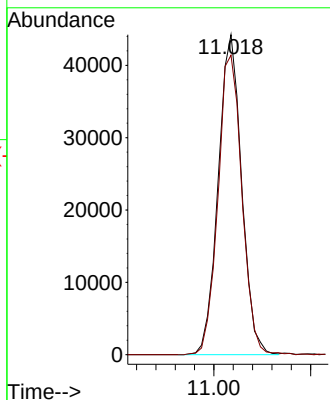
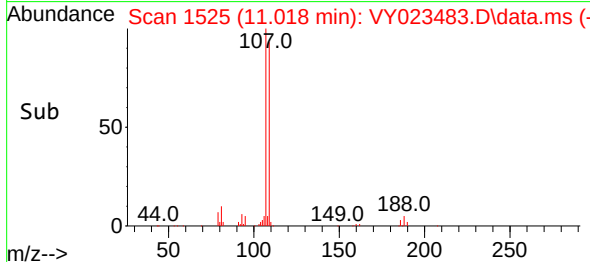
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



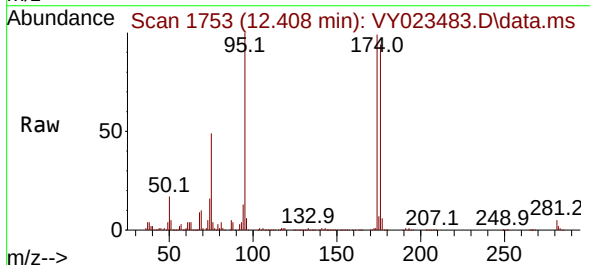
Tgt Ion:107 Resp: 74189
Ion Ratio Lower Upper
107 100
109 95.7 76.1 114.1

Manual Integrations
APPROVED

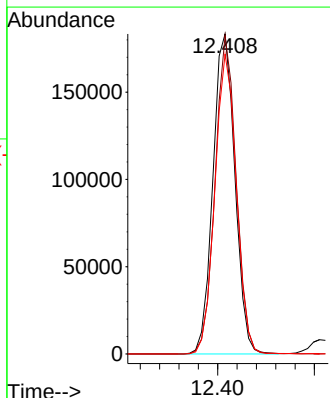
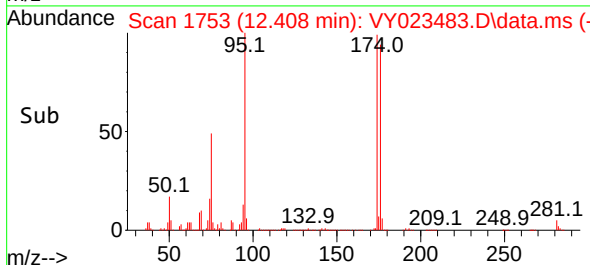
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

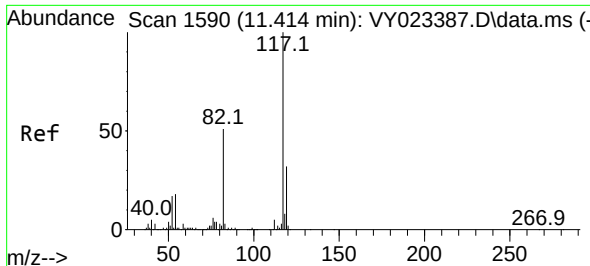


#62
4-Bromofluorobenzene
Concen: 51.118 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



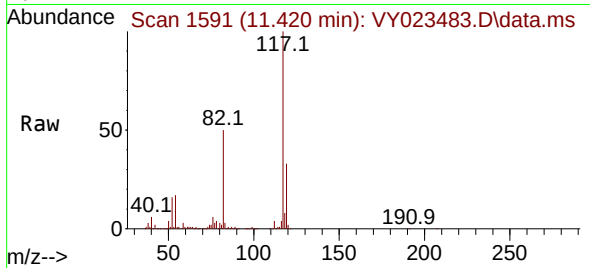
Tgt Ion: 95 Resp: 288541
Ion Ratio Lower Upper
95 100
174 95.6 0.0 192.8
176 91.8 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

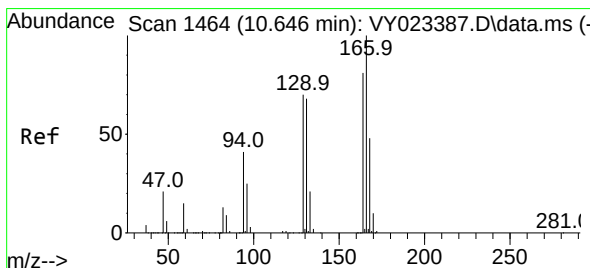
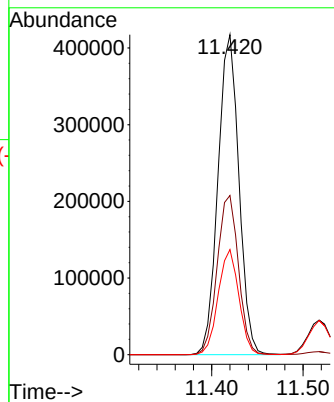
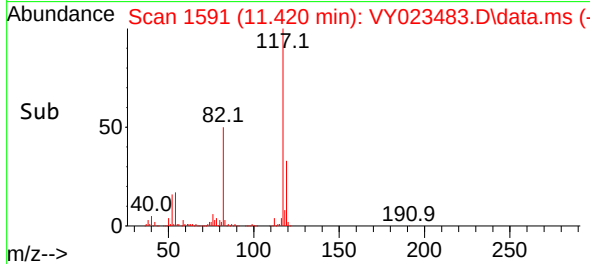
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



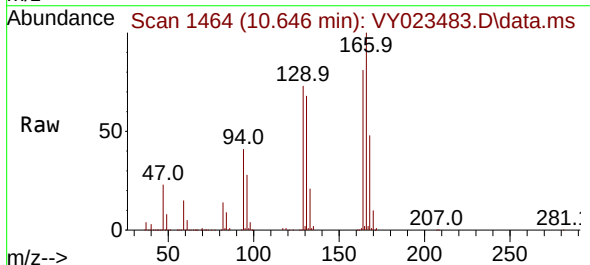
Tgt Ion:117 Resp: 665790
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.4
119 32.8 25.6 38.4

Manual Integrations
APPROVED

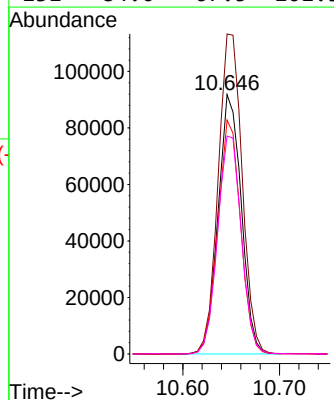
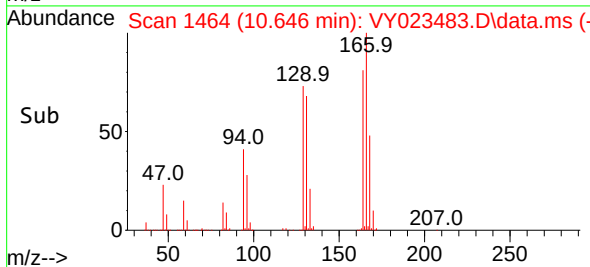
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

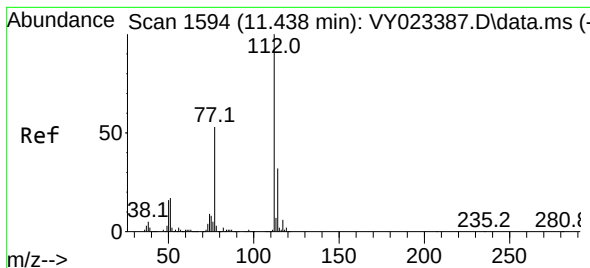


#64
Tetrachloroethene
Concen: 22.158 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



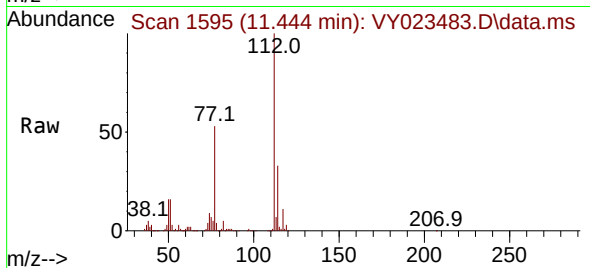
Tgt Ion:164 Resp: 152325
Ion Ratio Lower Upper
164 100
166 123.4 99.4 149.0
129 90.2 69.4 104.2
131 84.0 67.5 101.3





#65
Chlorobenzene
Concen: 20.988 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

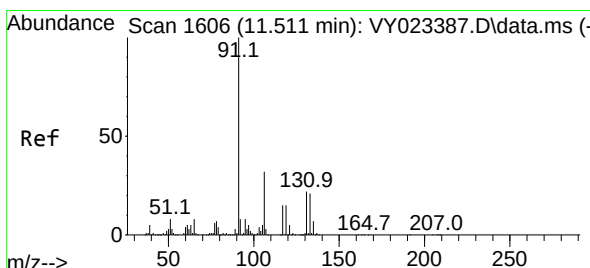
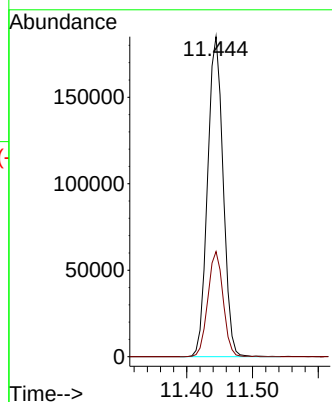
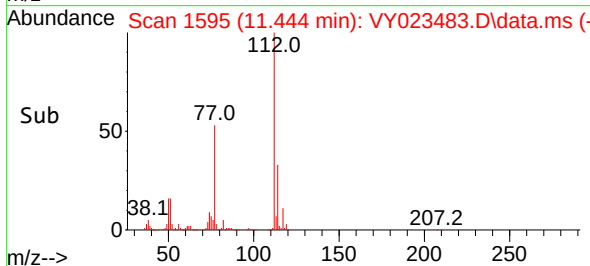
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



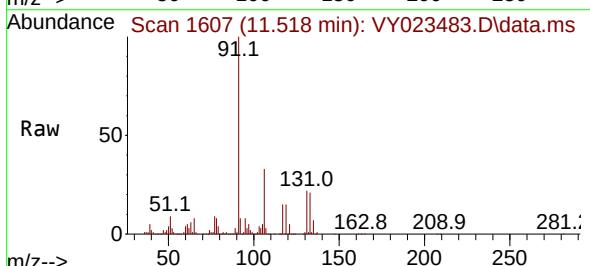
Tgt Ion:112 Resp: 303914
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

Manual Integrations
APPROVED

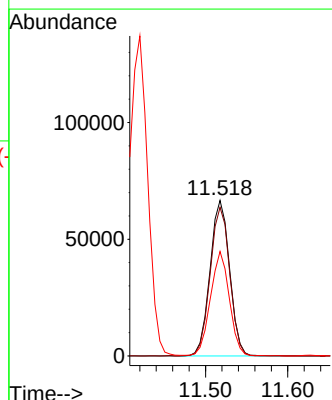
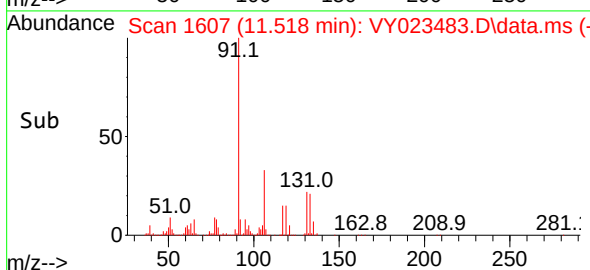
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

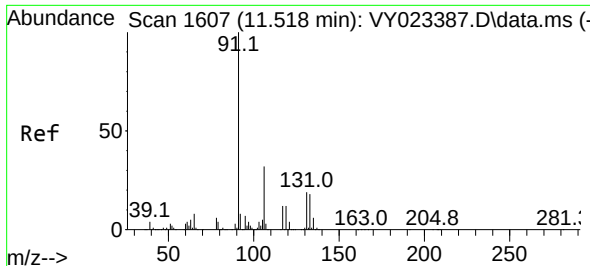


#66
1,1,1,2-Tetrachloroethane
Concen: 21.343 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion:131 Resp: 110136
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.2
119 65.0 32.4 97.2





#67

Ethyl Benzene

Concen: 20.448 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 91 Resp: 479280

Ion Ratio Lower Upper

91 100

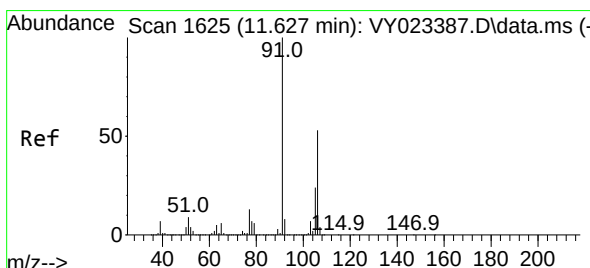
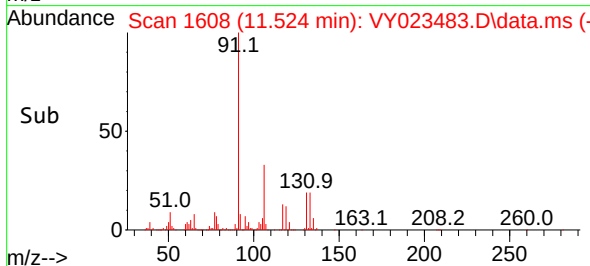
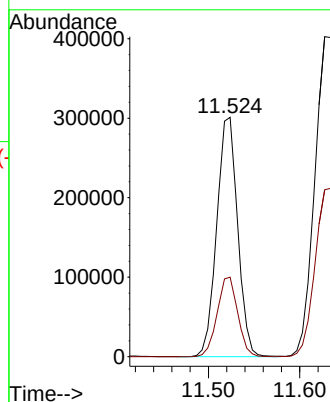
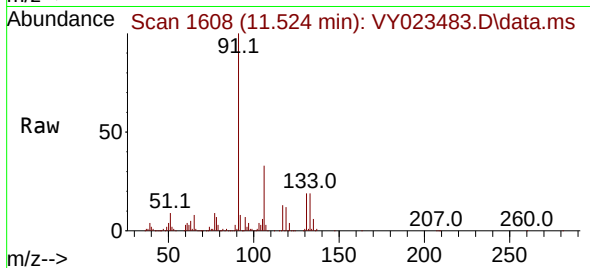
106 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#68

m/p-Xylenes

Concen: 42.079 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023483.D

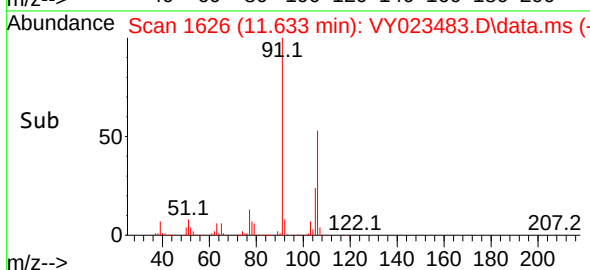
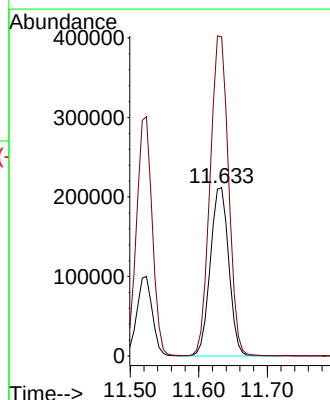
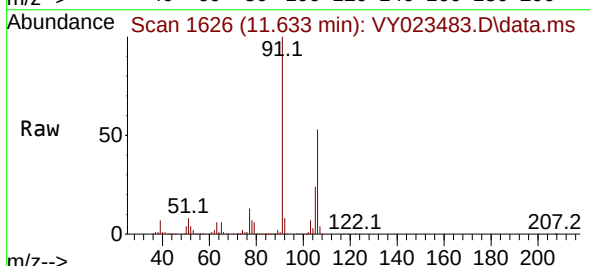
Acq: 16 Oct 2025 10:17

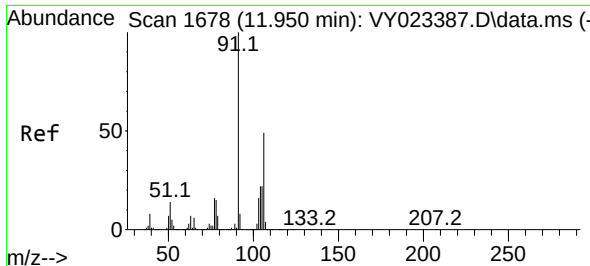
Tgt Ion:106 Resp: 395611

Ion Ratio Lower Upper

106 100

91 190.4 152.6 229.0





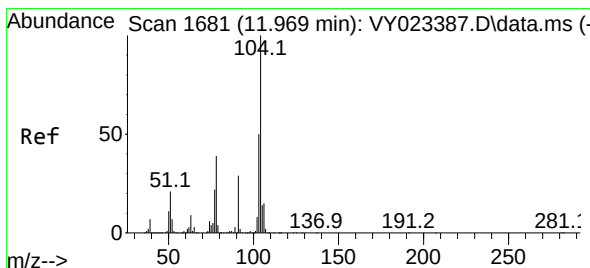
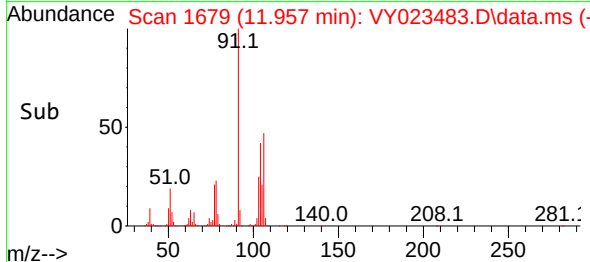
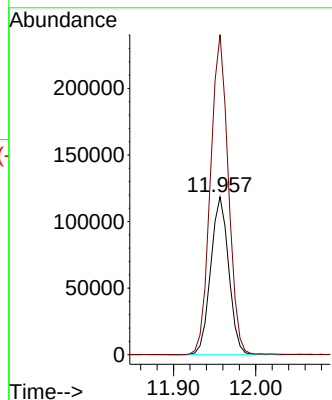
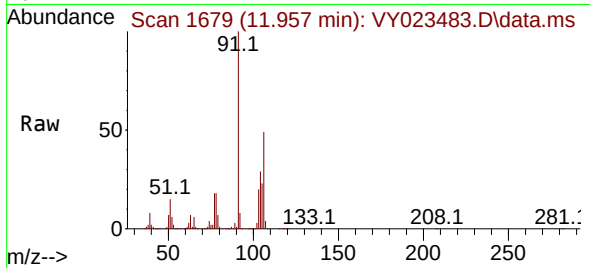
#69
o-Xylene
Concen: 20.419 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion:106 Resp: 180064
Ion Ratio Lower Upper
106 100
91 201.8 101.4 304.1

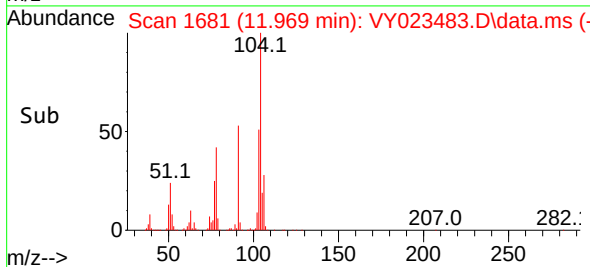
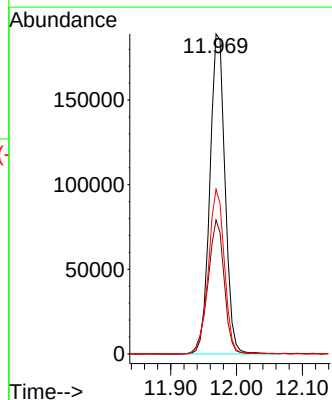
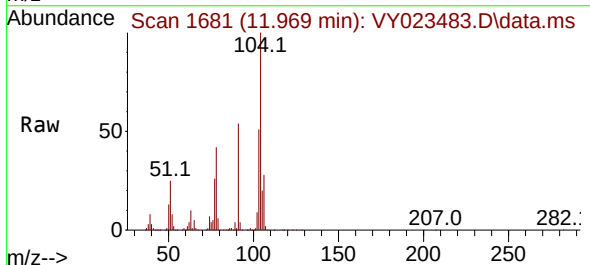
Manual Integrations
APPROVED

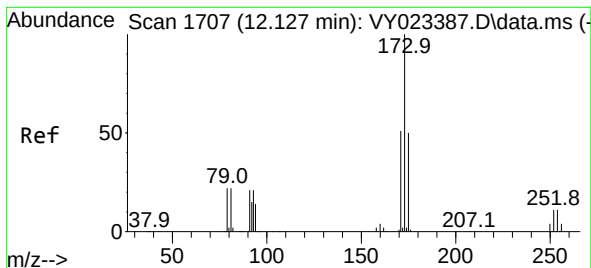
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#70
Styrene
Concen: 20.955 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Tgt Ion:104 Resp: 303879
Ion Ratio Lower Upper
104 100
78 45.0 36.1 54.1
103 54.5 43.2 64.8





#71

Bromoform

Concen: 21.660 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion:173 Resp: 6933

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

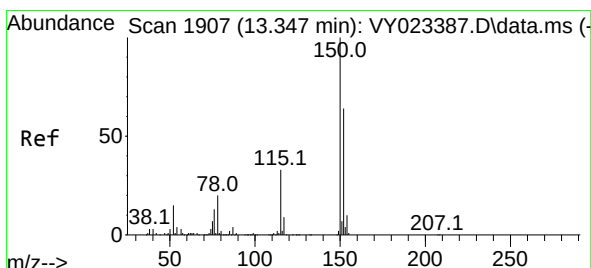
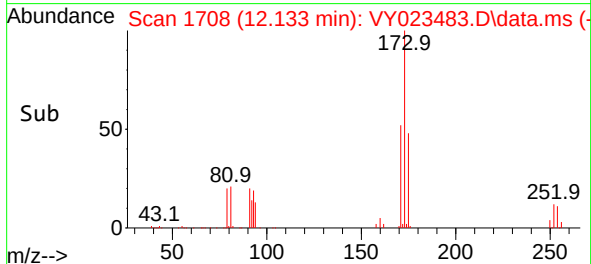
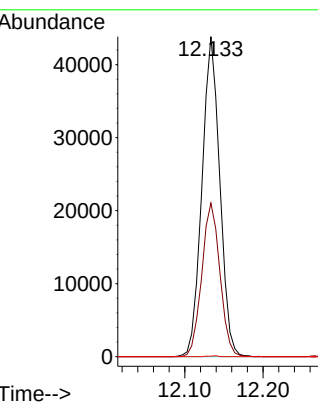
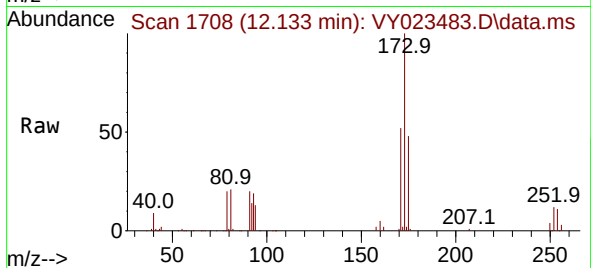
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

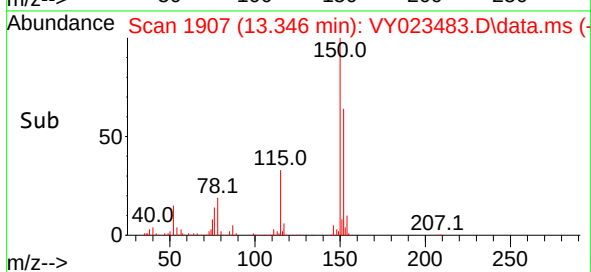
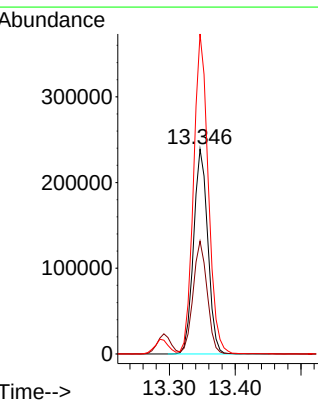
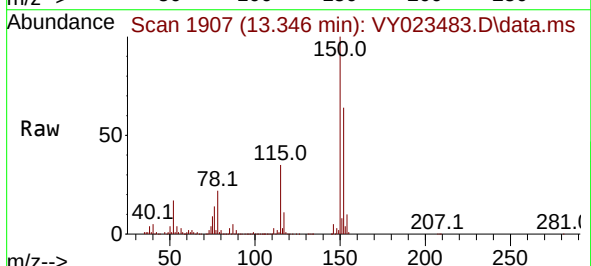
Tgt Ion:152 Resp: 360043

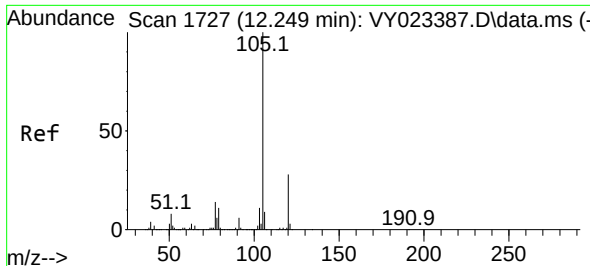
Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.2

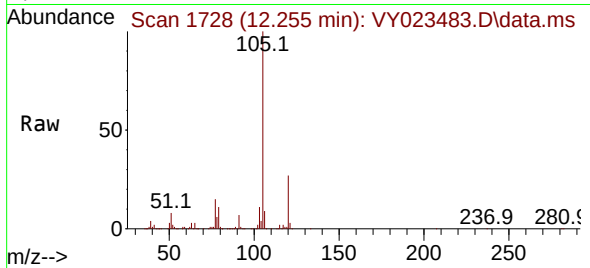
150 161.6 0.0 347.4





#73
Isopropylbenzene
Concen: 19.647 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

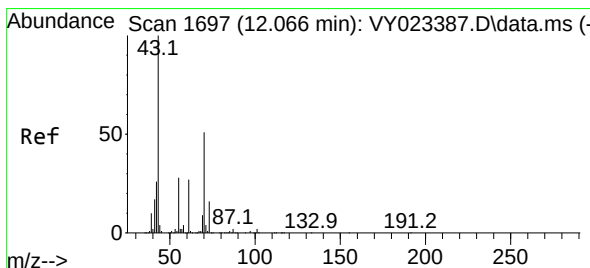
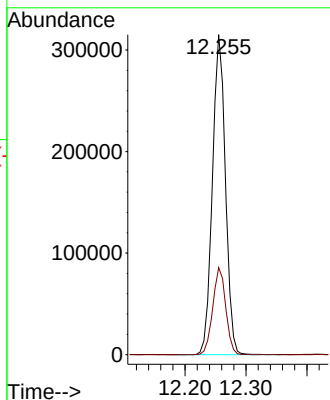
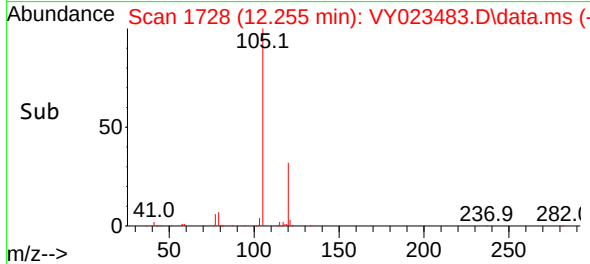
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



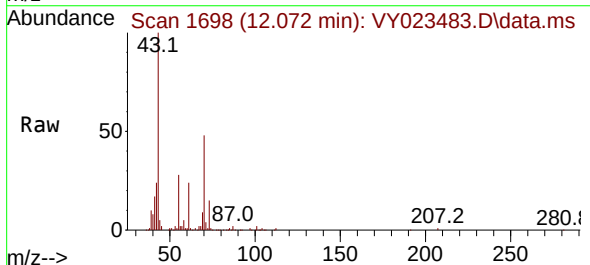
Tgt Ion:105 Resp: 466160
Ion Ratio Lower Upper
105 100
120 27.1 13.9 41.7

Manual Integrations
APPROVED

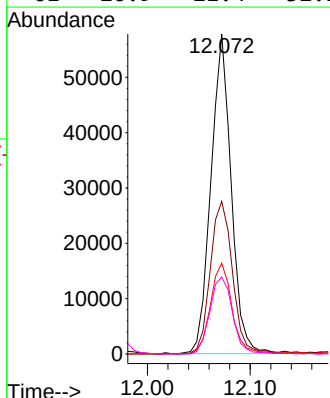
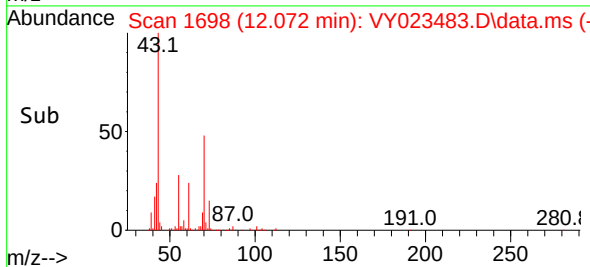
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

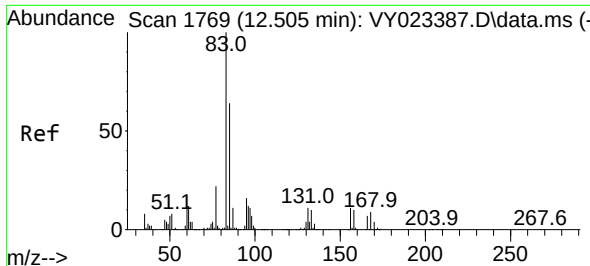


#74
N-ethyl acetate
Concen: 18.548 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



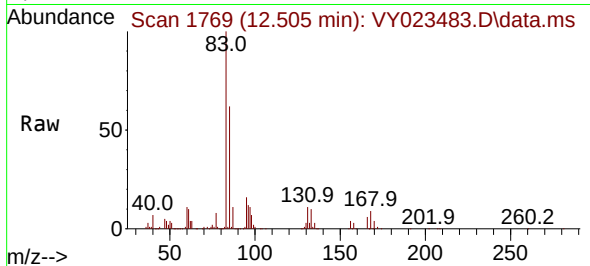
Tgt Ion: 43 Resp: 79048
Ion Ratio Lower Upper
43 100
70 52.5 41.1 61.7
55 30.3 23.0 34.6
61 26.9 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.436 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

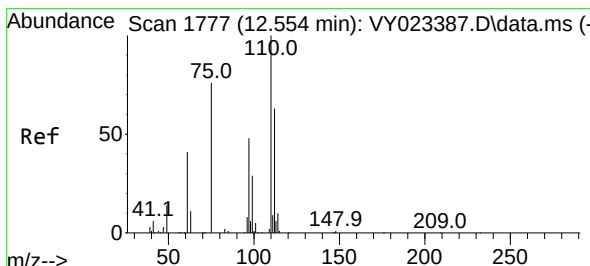
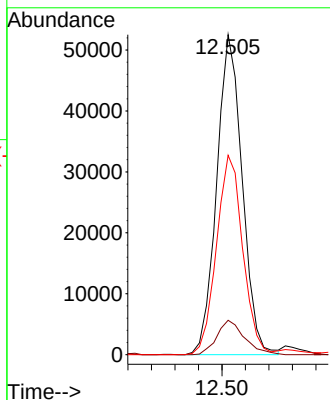
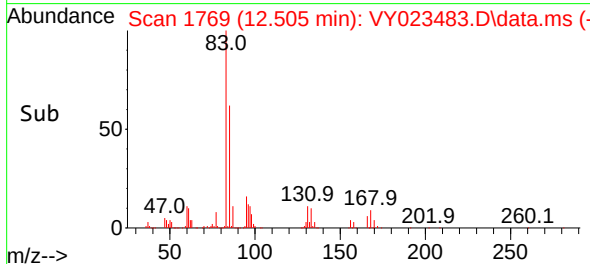
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



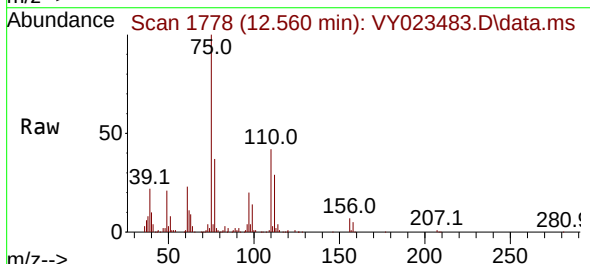
Tgt Ion: 83 Resp: 7930
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 64.1 31.8 95.3

Manual Integrations
APPROVED

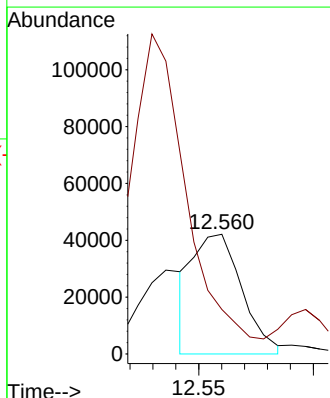
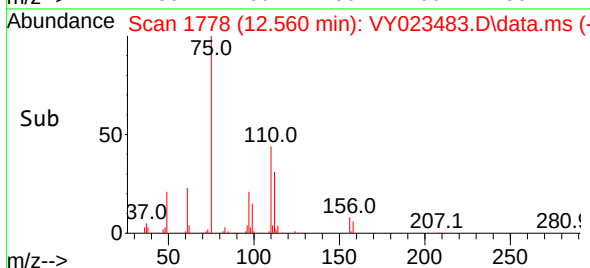
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

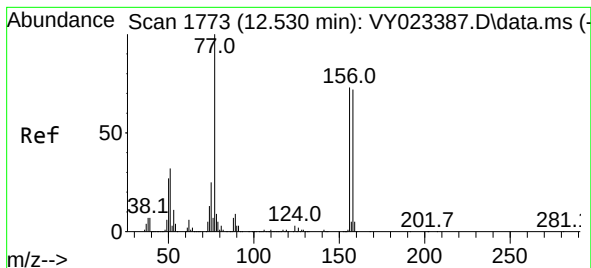


#76
1,2,3-Trichloropropane
Concen: 19.709 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion: 75 Resp: 62608
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.924 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

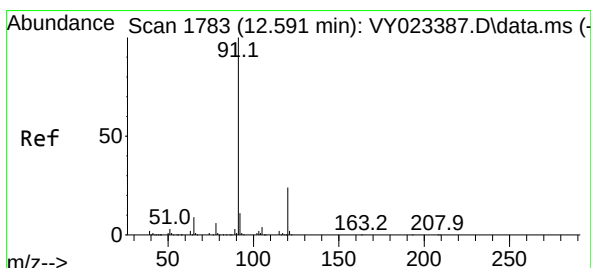
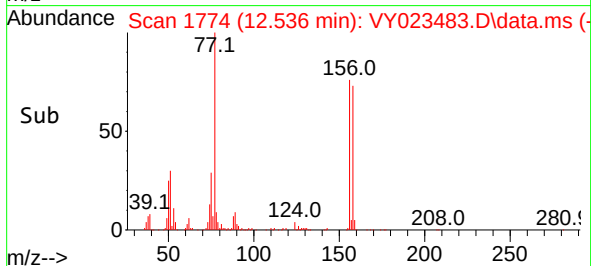
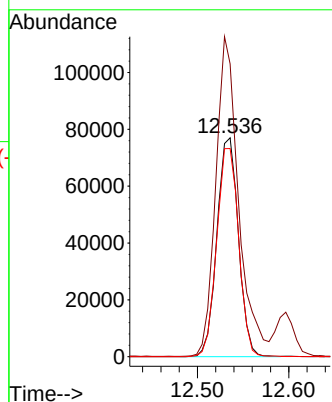
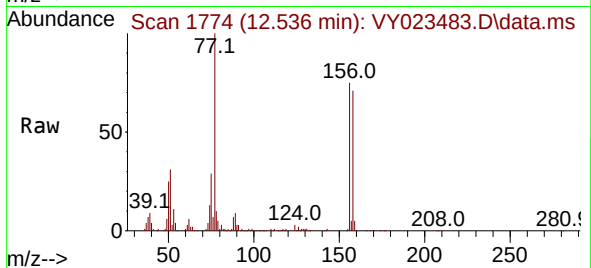
Tgt Ion:156 Resp: 125680
 Ion Ratio Lower Upper
 156 100
 77 155.7 76.8 230.5
 158 97.6 49.0 147.2

Manual Integrations

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Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#78

n-propylbenzene

Concen: 20.235 ug/l

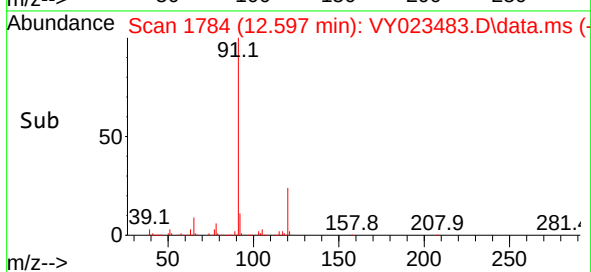
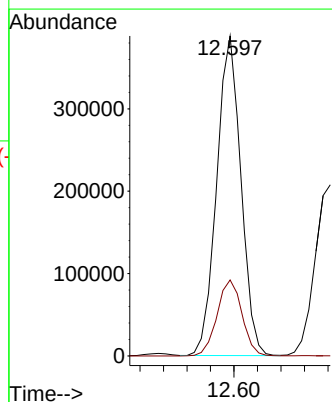
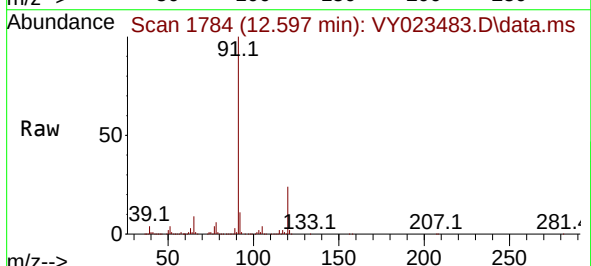
RT: 12.597 min Scan# 1784

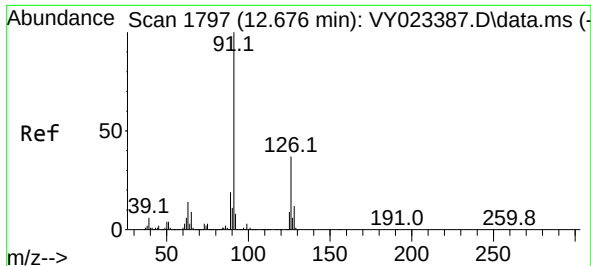
Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Tgt Ion: 91 Resp: 555598
 Ion Ratio Lower Upper
 91 100
 120 24.4 12.3 36.8





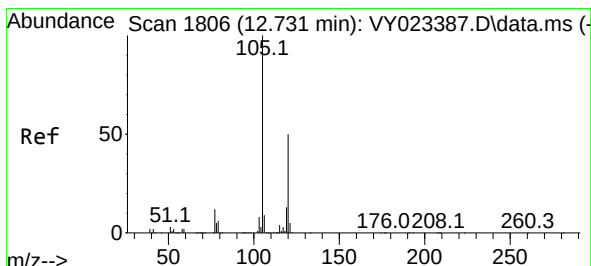
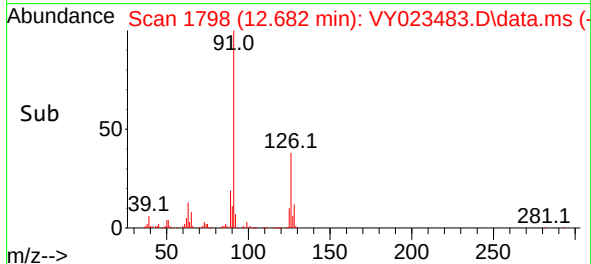
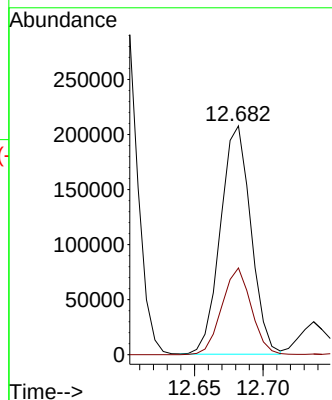
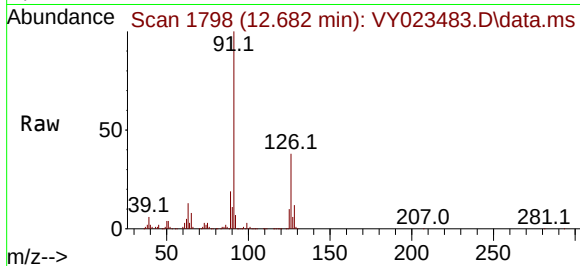
#79
2-Chlorotoluene
Concen: 20.002 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion: 91 Resp: 32161
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

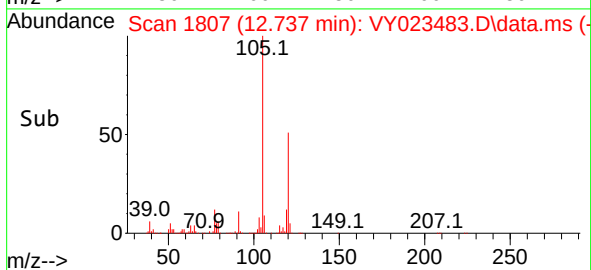
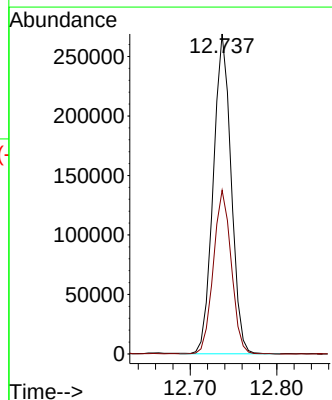
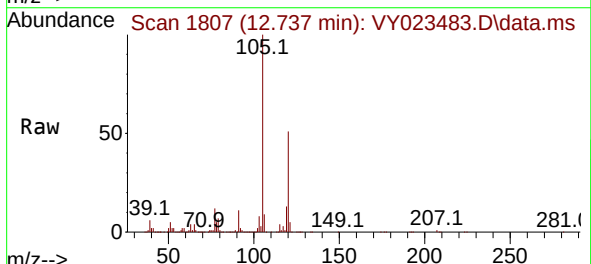
Manual Integrations
APPROVED

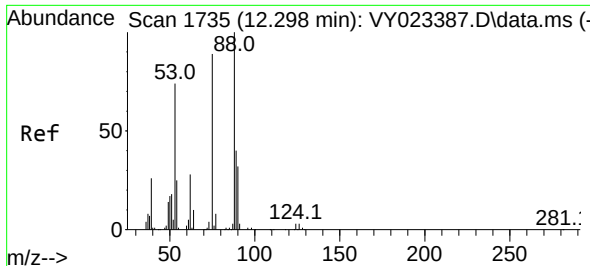
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.094 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

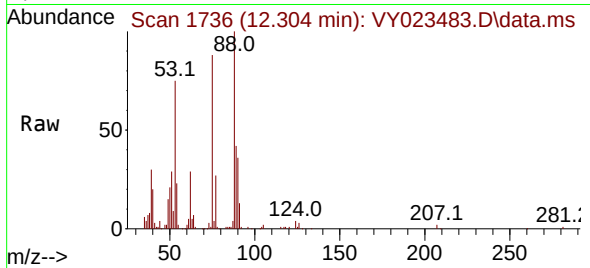
Tgt Ion:105 Resp: 385277
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.795 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

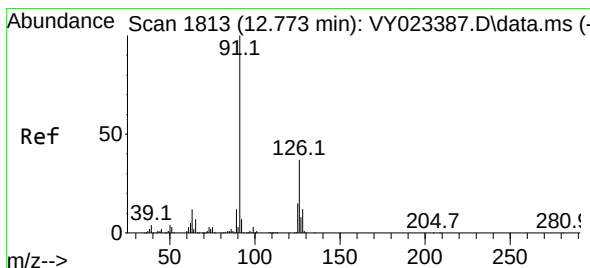
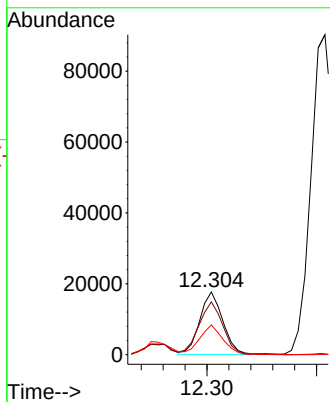
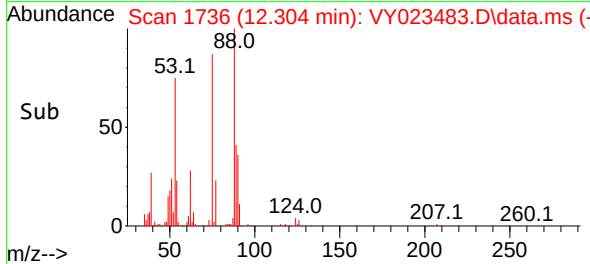
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 75 Resp: 2564
Ion Ratio Lower Upper
75 100
53 87.0 68.6 102.8
89 47.3 39.0 58.4

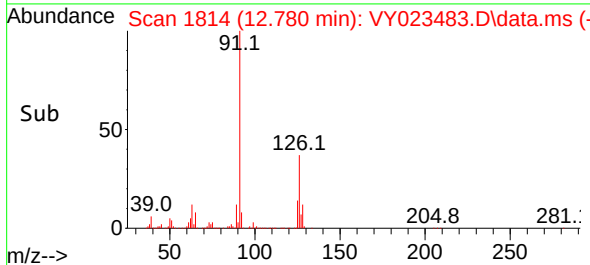
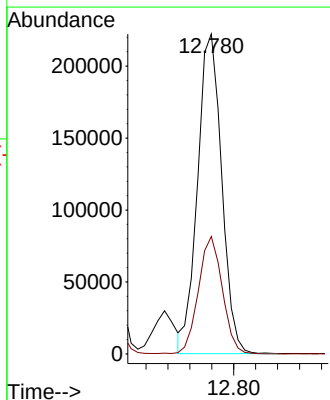
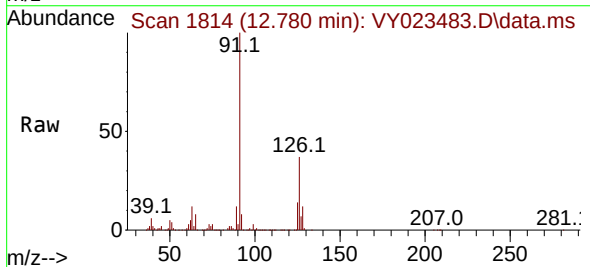
Manual Integrations
APPROVED

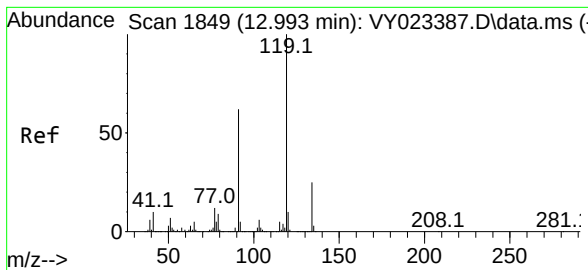
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#82
4-Chlorotoluene
Concen: 20.504 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

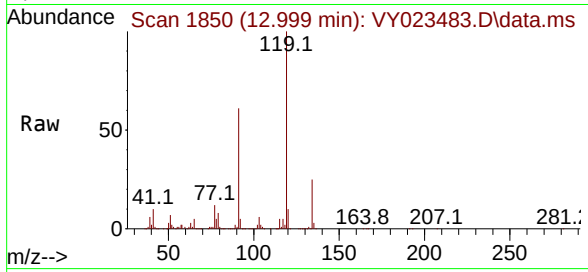
Tgt Ion: 91 Resp: 339540
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 19.404 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

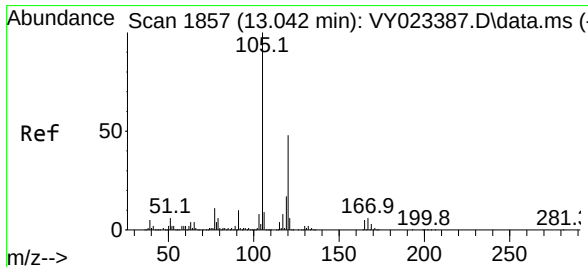
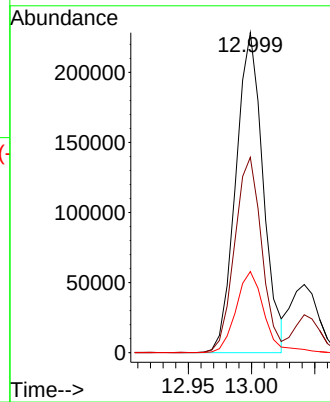
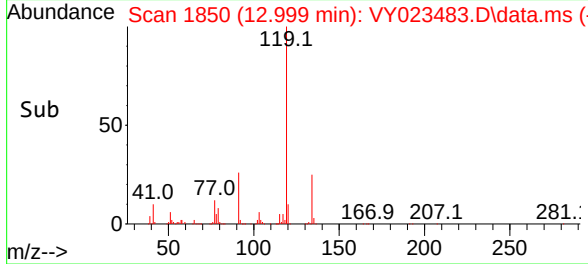
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



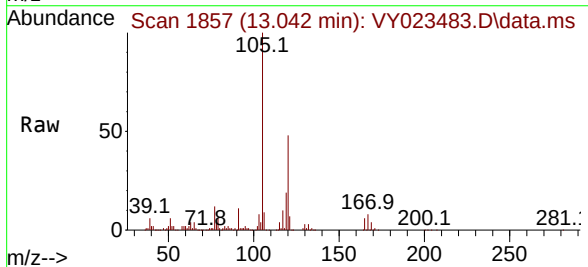
Tgt Ion:119 Resp: 343510
Ion Ratio Lower Upper
119 100
91 60.4 29.9 89.8
134 26.2 12.9 38.7

Manual Integrations
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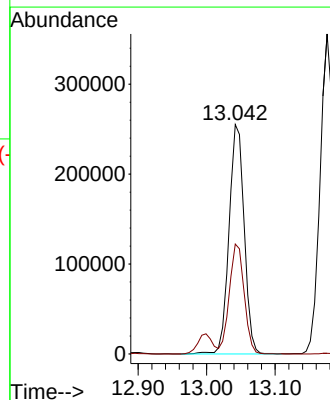
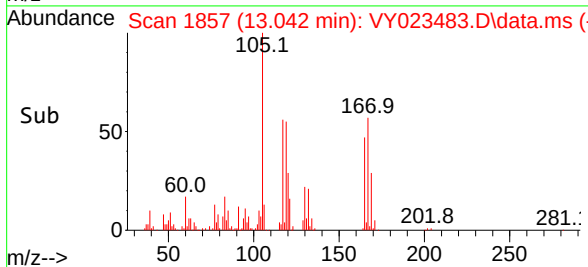
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

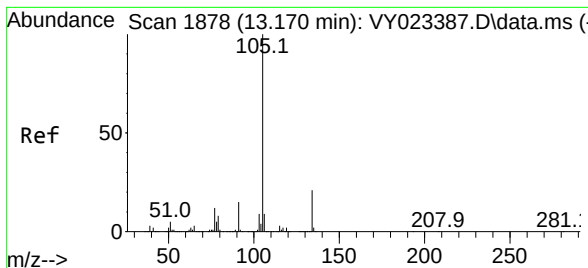


#84
1,2,4-Trimethylbenzene
Concen: 20.389 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



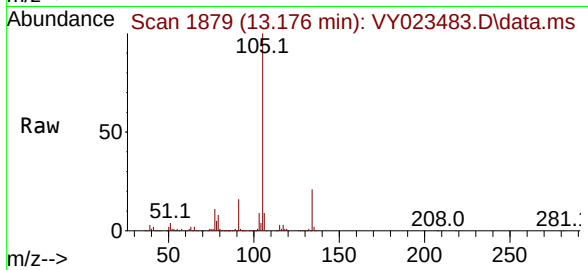
Tgt Ion:105 Resp: 390148
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 20.146 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17

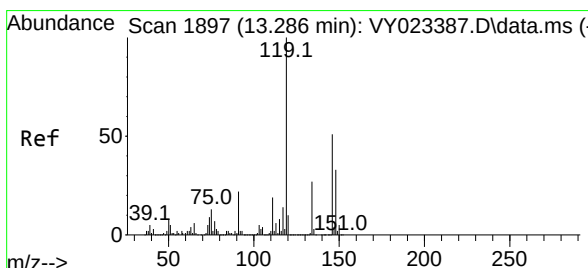
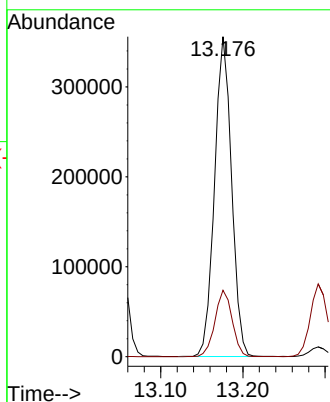
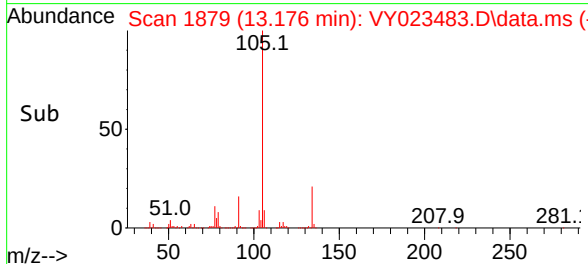
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01



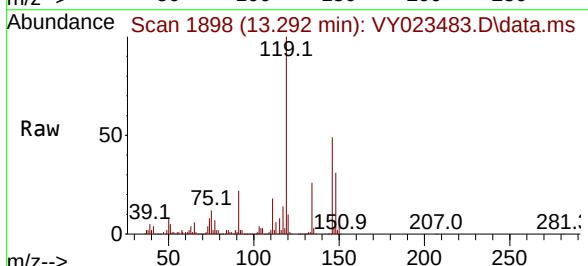
Tgt Ion:105 Resp: 511598
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1

Manual Integrations
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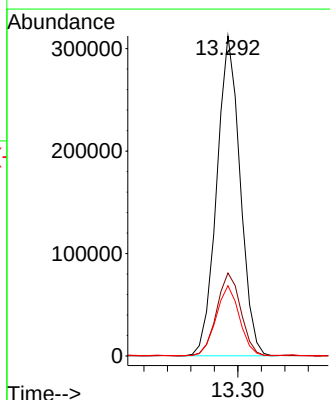
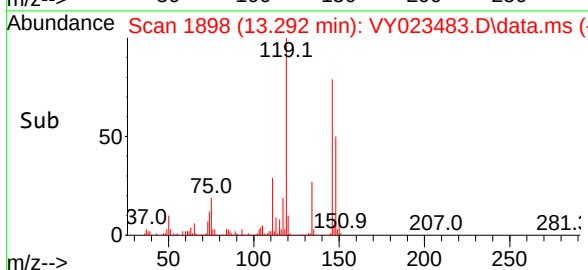
Reviewed By :John Carlone 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025

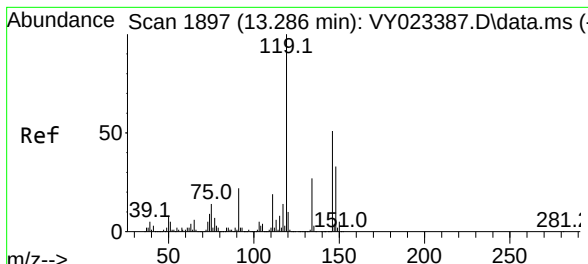


#86
 p-Isopropyltoluene
 Concen: 19.959 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17



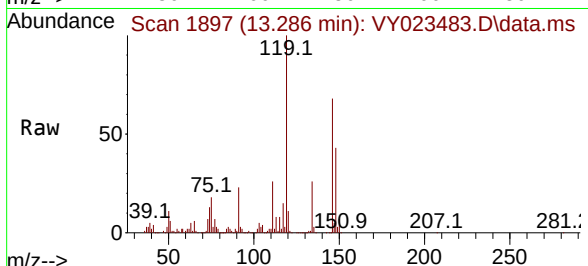
Tgt Ion:119 Resp: 431551
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.9 10.9 32.9





#87
 1,3-Dichlorobenzene
 Concen: 20.203 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17

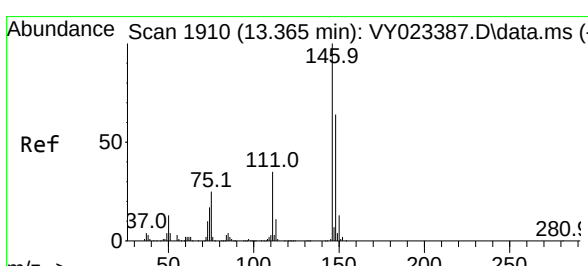
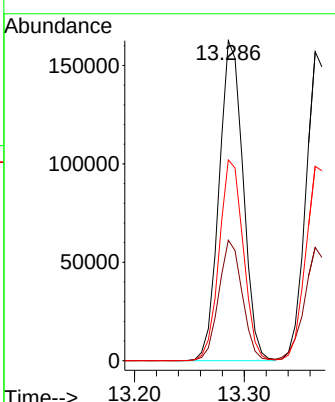
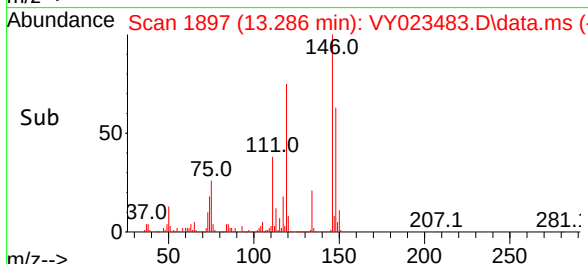
Instrument : MSVOA_Y
 ClientSampleId : VY1016SBS01



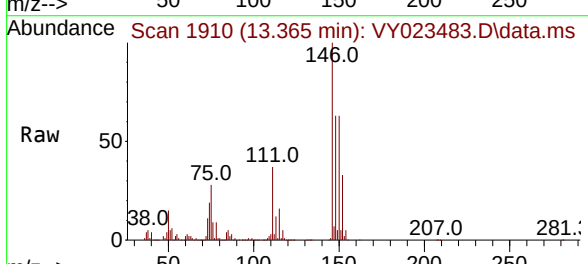
Tgt Ion:146 Resp: 248160

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	62.9	31.9	95.9

Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025

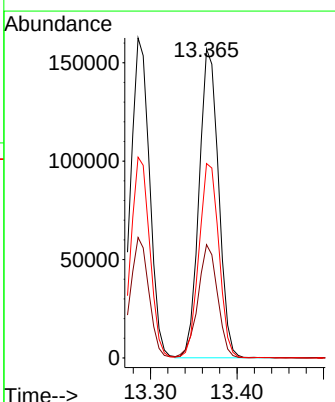
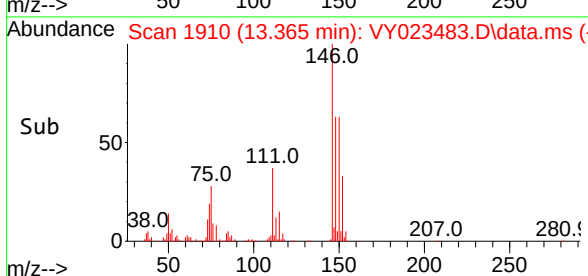


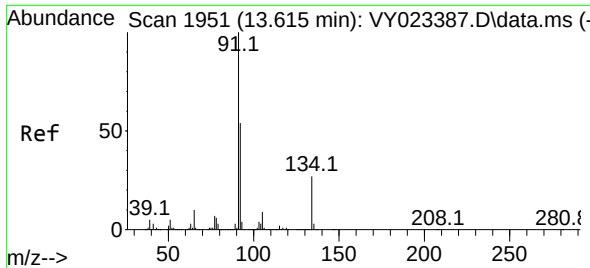
#88
 1,4-Dichlorobenzene
 Concen: 20.181 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023483.D
 Acq: 16 Oct 2025 10:17



Tgt Ion:146 Resp: 244835

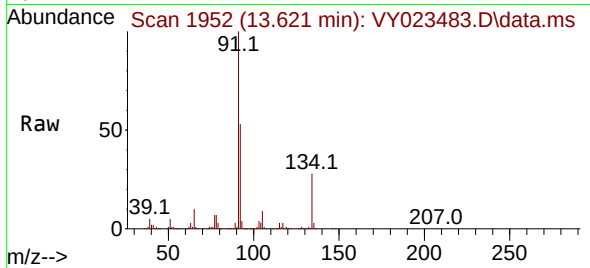
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.0	54.0
148	64.3	31.9	95.7





#89
n-Butylbenzene
Concen: 19.562 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

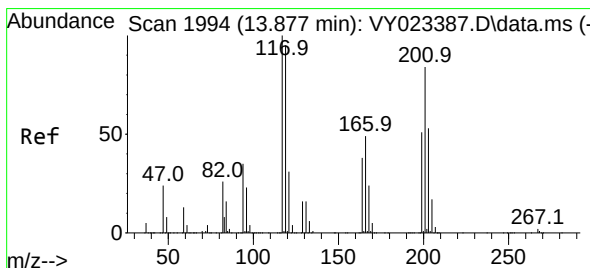
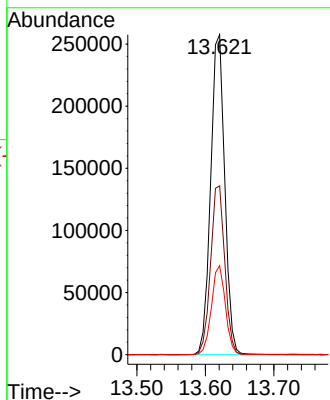
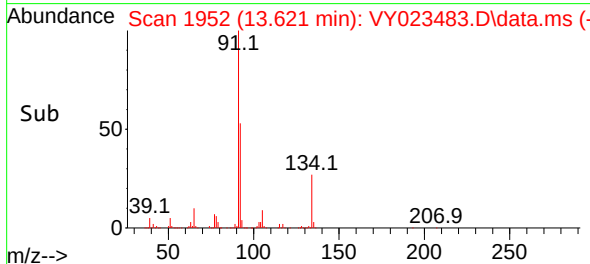
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion: 91 Resp: 36853
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 27.6 14.1 42.2

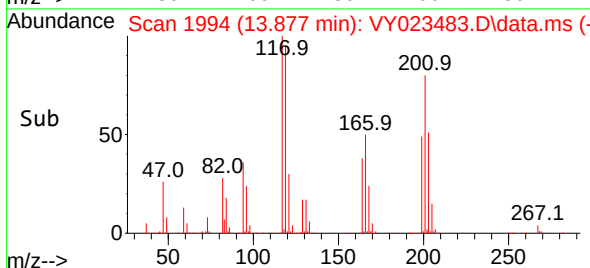
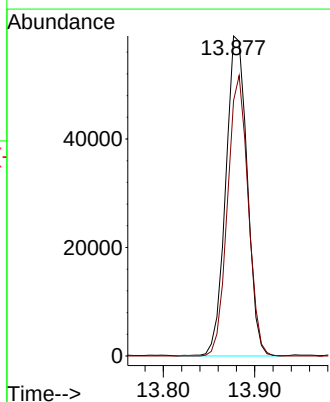
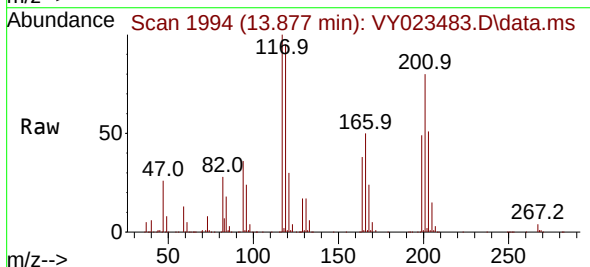
Manual Integrations
APPROVED

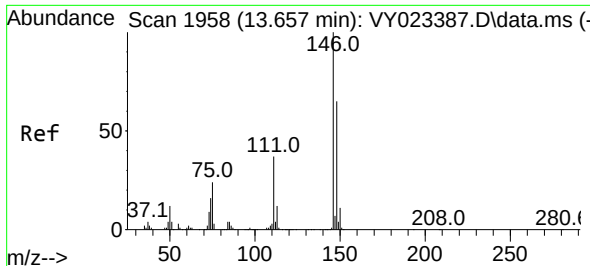
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#90
Hexachloroethane
Concen: 20.713 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

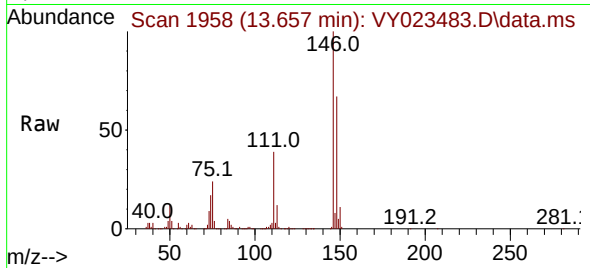
Tgt Ion:117 Resp: 96326
Ion Ratio Lower Upper
117 100
201 84.0 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 20.312 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17

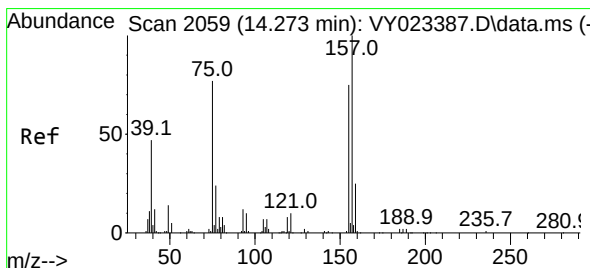
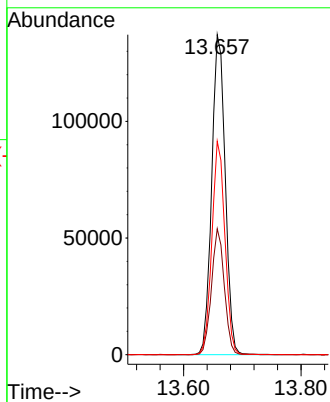
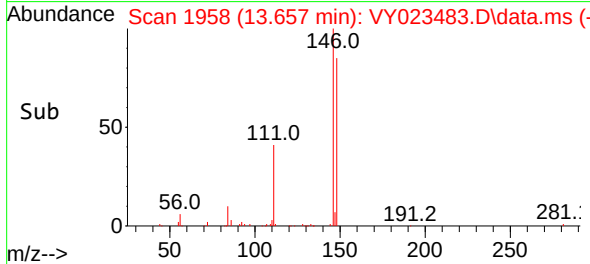
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



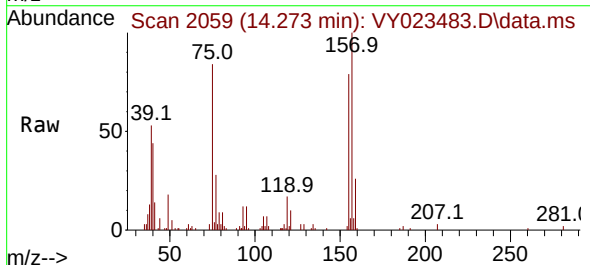
Tgt Ion:146 Resp: 218744
Ion Ratio Lower Upper
146 100
111 37.5 19.0 57.0
148 64.5 32.1 96.3

Manual Integrations
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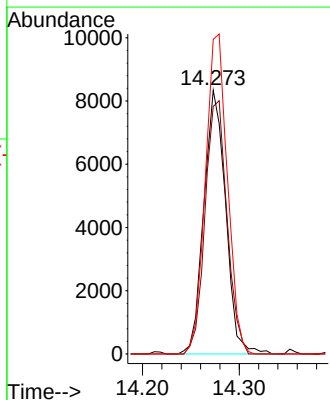
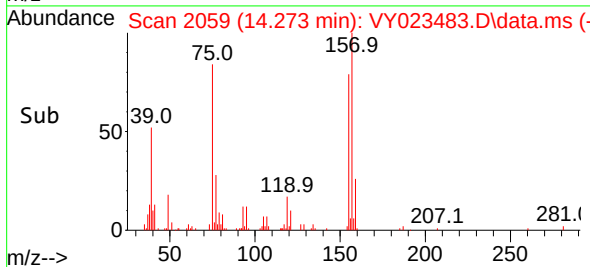
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

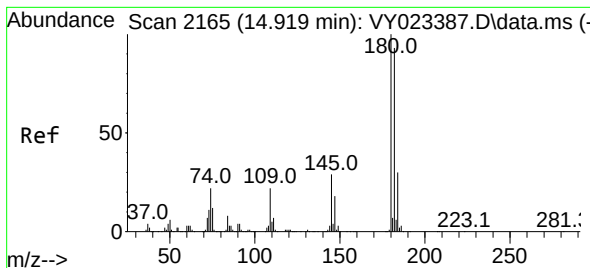


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.521 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023483.D
Acq: 16 Oct 2025 10:17



Tgt Ion: 75 Resp: 13067
Ion Ratio Lower Upper
75 100
155 96.5 50.0 150.0
157 122.1 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 18.964 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023483.D

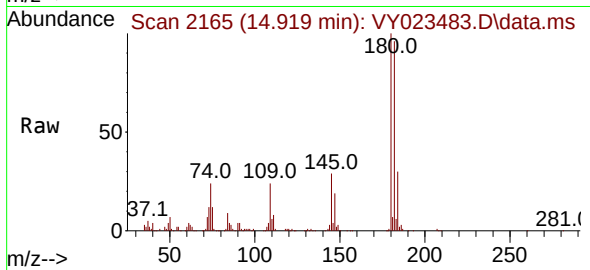
Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01



Tgt Ion:180 Resp: 127319

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

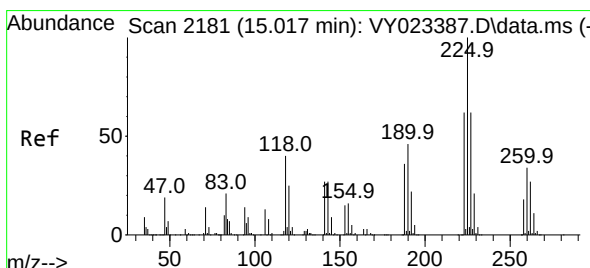
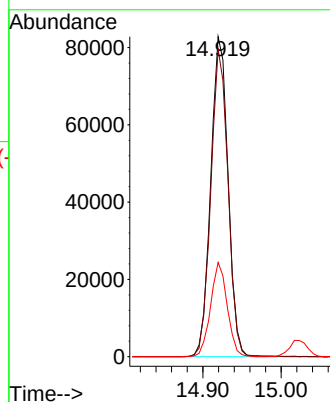
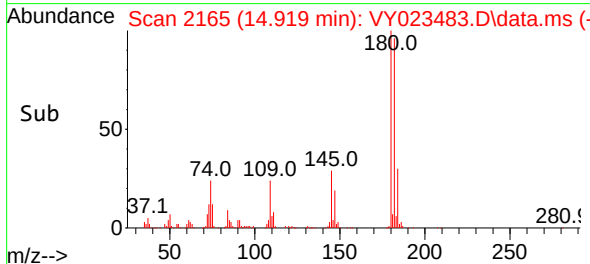
145 28.2 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#94

Hexachlorobutadiene

Concen: 19.797 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

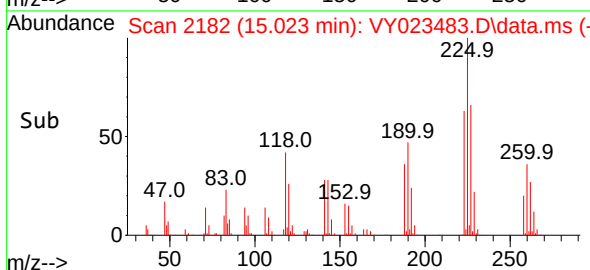
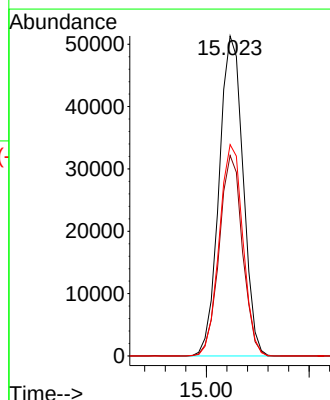
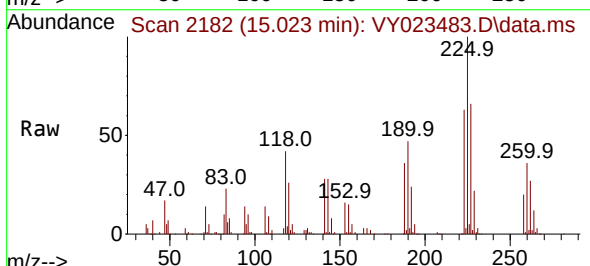
Tgt Ion:225 Resp: 82853

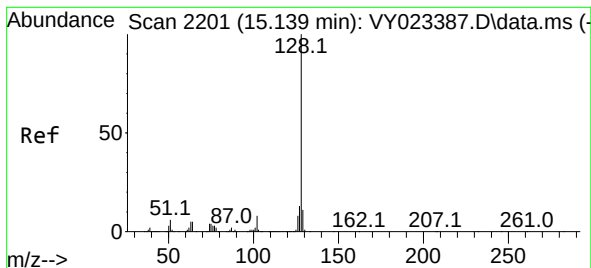
Ion Ratio Lower Upper

225 100

223 60.8 30.8 92.3

227 65.3 31.9 95.7





#95

Naphthalene

Concen: 17.287 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion:128 Resp: 18481

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

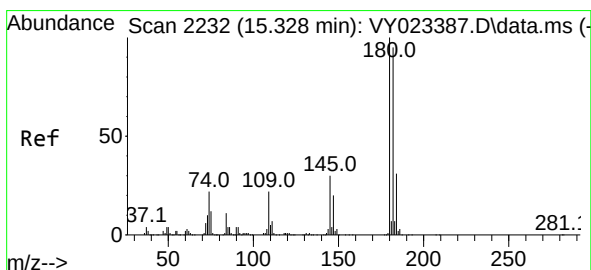
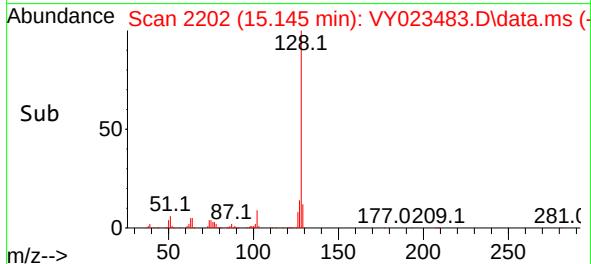
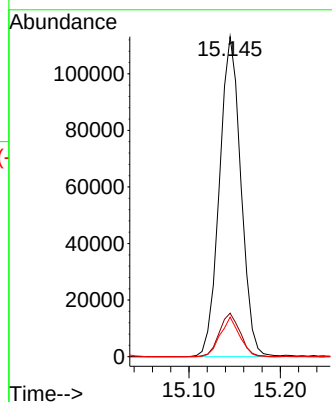
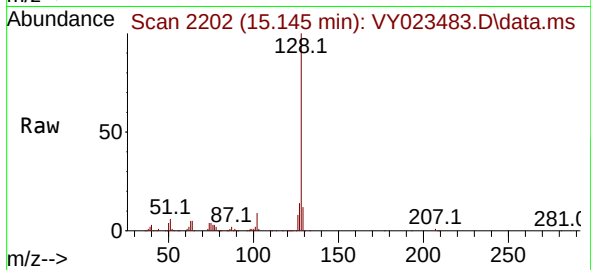
129 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.474 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023483.D

Acq: 16 Oct 2025 10:17

Tgt Ion:180 Resp: 107432

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.8

145 30.5 15.3 45.9

