

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023581.D
 Acq On : 24 Oct 2025 18:20
 Operator : SY/MD
 Sample : Q3419-03MSD
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MSD

Quant Time: Oct 24 23:57:37 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 :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	173647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	245581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	157959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	48940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79397	54.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.360%			
35) Dibromofluoromethane	7.640	113	69999	46.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.780%			
50) Toluene-d8	10.109	98	194718	34.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 69.300%			
62) 4-Bromofluorobenzene	12.408	95	46316	24.964	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 49.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79103	63.288	ug/l	99
3) Chloromethane	2.074	50	96244	56.525	ug/l	98
4) Vinyl Chloride	2.208	62	134030	60.435	ug/l	99
5) Bromomethane	2.605	94	53316	28.648	ug/l	97
6) Chloroethane	2.739	64	95948	63.470	ug/l	98
7) Trichlorofluoromethane	3.062	101	198070	64.324	ug/l	95
8) Diethyl Ether	3.458	74	66810	83.032	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	84002	52.571	ug/l	99
10) Methyl Iodide	4.013	142	19632	11.036	ug/l	99
11) Tert butyl alcohol	4.866	59	64307	595.297	ug/l	100
12) 1,1-Dichloroethene	3.793	96	99787	64.421	ug/l	99
13) Acrolein	3.659	56	2104	13.784	ug/l #	74
14) Allyl chloride	4.391	41	60022	31.795	ug/l	91
15) Acrylonitrile	5.061	53	172997	561.812	ug/l	98
16) Acetone	3.873	43	256528	742.075	ug/l	98
17) Carbon Disulfide	4.110	76	337360	76.096	ug/l	99
18) Methyl Acetate	4.385	43	249309	274.928	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	346226	93.001	ug/l	97
20) Methylene Chloride	4.622	84	123905	66.285	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	89197	52.303	ug/l	99
22) Diisopropyl ether	6.025	45	270915	64.879	ug/l	97
24) 1,1-Dichloroethane	5.921	63	183785	66.444	ug/l	99
25) 2-Butanone	6.896	43	259730	615.426	ug/l	100
26) 2,2-Dichloropropane	6.890	77	156385	61.616	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	118912	60.364	ug/l	97
28) Bromochloromethane	7.250	49	62830	60.847	ug/l	96
29) Tetrahydrofuran	7.268	42	146863	613.662	ug/l	95
30) Chloroform	7.427	83	207694	68.343	ug/l	97
31) Cyclohexane	7.707	56	69141	28.623	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	172234	62.365	ug/l	98
36) 1,1-Dichloropropene	7.841	75	107322	53.722	ug/l	99
37) Ethyl Acetate	6.988	43	60616	76.589	ug/l	97
38) Carbon Tetrachloride	7.823	117	90291	37.274	ug/l	97
39) Methylcyclohexane	9.109	83	48427	18.618	ug/l	96
40) Benzene	8.085	78	408926	64.635	ug/l	100
41) Methacrylonitrile	7.226	41	47920	111.951	ug/l	91

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 Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.158	62	126898	77.773	ug/l	98
43) Isopropyl Acetate	8.201	43	135161	85.645	ug/l	97
44) Trichloroethene	8.872	130	105286	56.858	ug/l	99
45) 1,2-Dichloropropane	9.146	63	93324	66.784	ug/l	99
46) Dibromomethane	9.231	93	72267	81.785	ug/l	98
47) Bromodichloromethane	9.427	83	146364	65.769	ug/l	100
48) Methyl methacrylate	9.225	41	86669	116.898	ug/l	97
49) 1,4-Dioxane	9.231	88	26544	2590.939	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	507478	622.382	ug/l	98
52) Toluene	10.170	92	209716	51.053	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	41168	21.275	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	34656	15.175	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	104391	87.853	ug/l	96
56) Ethyl methacrylate	10.439	69	100718	73.481	ug/l	96
57) 1,3-Dichloropropane	10.719	76	154240	81.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	281024	457.679	ug/l	98
59) 2-Hexanone	10.762	43	341891	586.729	ug/l	97
60) Dibromochloromethane	10.914	129	114167	68.530	ug/l	99
61) 1,2-Dibromoethane	11.018	107	85947	75.843	ug/l	99
64) Tetrachloroethene	10.652	164	88229	54.095	ug/l	94
65) Chlorobenzene	11.444	112	191312	55.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	83504	68.207	ug/l	99
67) Ethyl Benzene	11.518	91	245521	44.150	ug/l	99
68) m/p-Xylenes	11.627	106	190171	85.258	ug/l	98
69) o-Xylene	11.950	106	93972	44.916	ug/l	98
70) Styrene	11.969	104	123591	35.922	ug/l	99
71) Bromoform	12.133	173	69787	91.897	ug/l #	100
73) Isopropylbenzene	12.255	105	157585	48.860	ug/l	99
74) N-amyl acetate	12.072	43	8440	14.569	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	93161	176.607	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	63376m	146.778	ug/l	
77) Bromobenzene	12.530	156	64793	75.567	ug/l	86
78) n-propylbenzene	12.591	91	142211	38.103	ug/l	98
79) 2-Chlorotoluene	12.682	91	106207	48.594	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	92656	35.552	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	1014m	5.759	ug/l	
82) 4-Chlorotoluene	12.780	91	104792	46.556	ug/l	97
83) tert-Butylbenzene	12.999	119	80984	33.655	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	99548	38.273	ug/l	98
85) sec-Butylbenzene	13.176	105	91190	26.418	ug/l	98
86) p-Isopropyltoluene	13.292	119	70459	23.974	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	66124	39.603	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	68453	41.511	ug/l	99
89) n-Butylbenzene	13.615	91	47002	18.354	ug/l	98
90) Hexachloroethane	13.877	117	7634	12.077	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	67020	45.784	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13660	157.821	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	15146	16.597	ug/l	96
94) Hexachlorobutadiene	15.023	225	5609	9.860	ug/l	95
95) Naphthalene	15.145	128	68160	46.903	ug/l	97
96) 1,2,3-Trichlorobenzene	15.328	180	14795	18.717	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

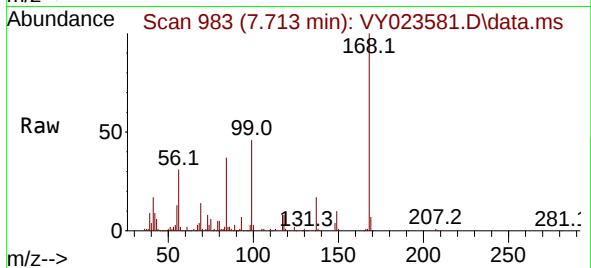
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

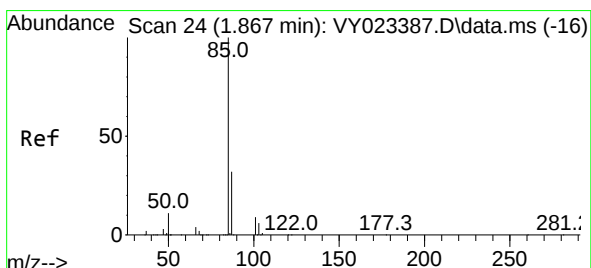
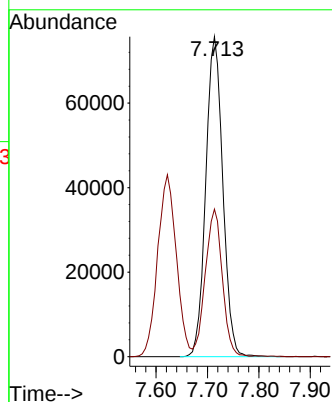
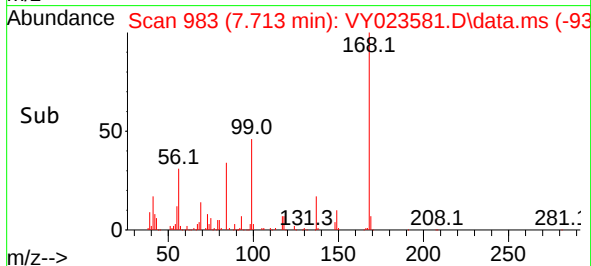
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:168 Resp: 17364
Ion Ratio Lower Upper
168 100
99 45.9 39.7 59.5

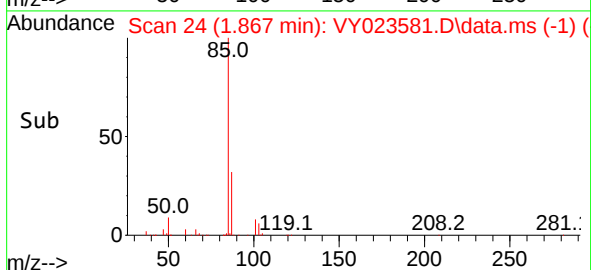
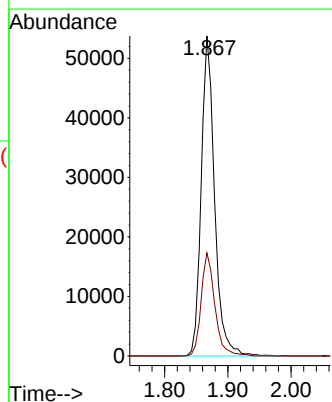
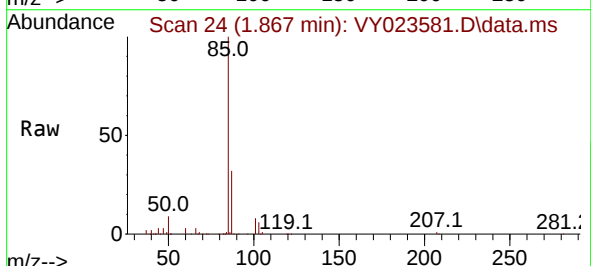
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Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 63.288 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

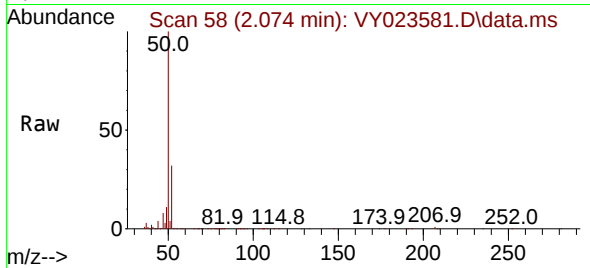
Tgt Ion: 85 Resp: 79103
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 56.525 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

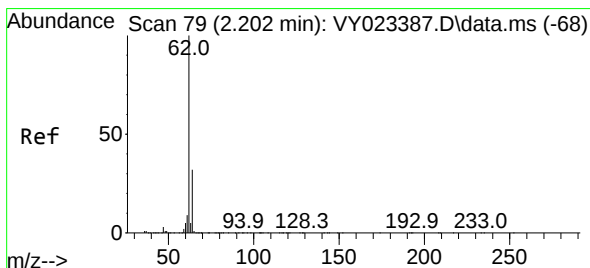
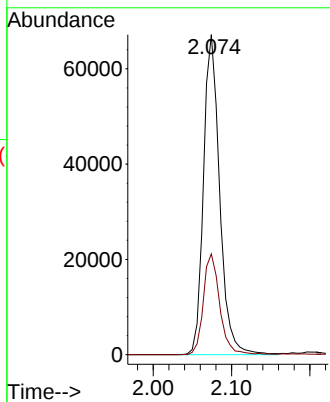
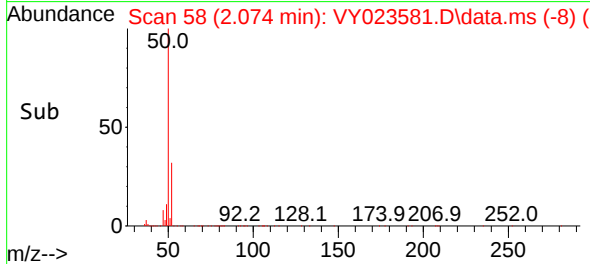
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 50 Resp: 96244
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.2

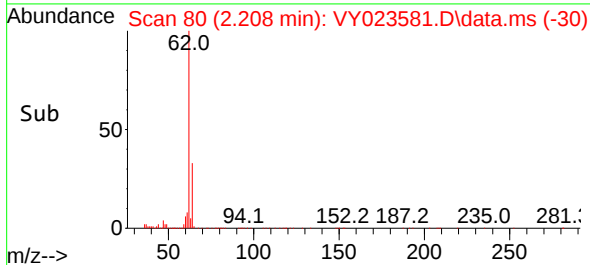
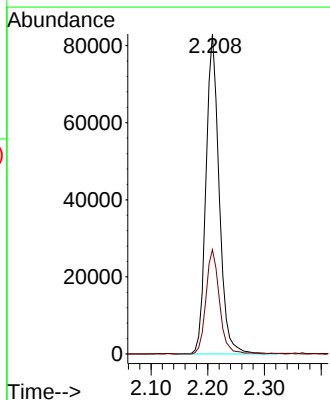
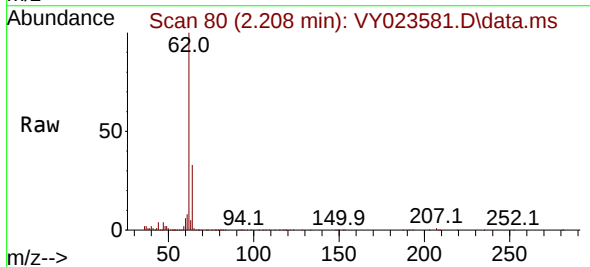
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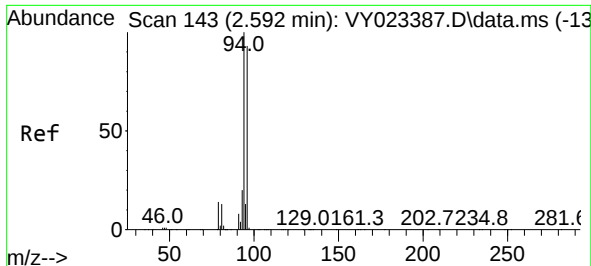
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 60.435 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

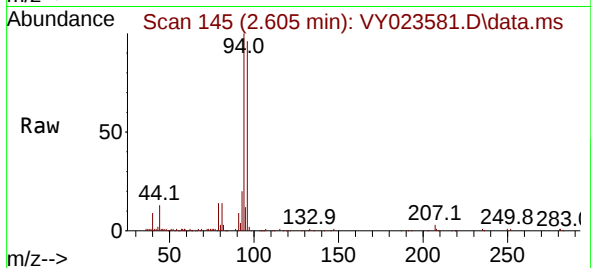
Tgt Ion: 62 Resp: 134030
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





#5
Bromomethane
Concen: 28.648 ug/l
RT: 2.605 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

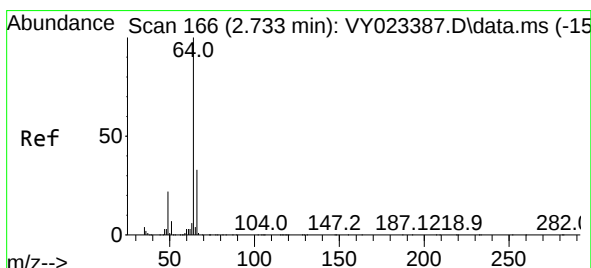
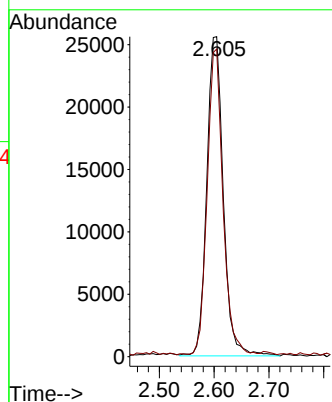
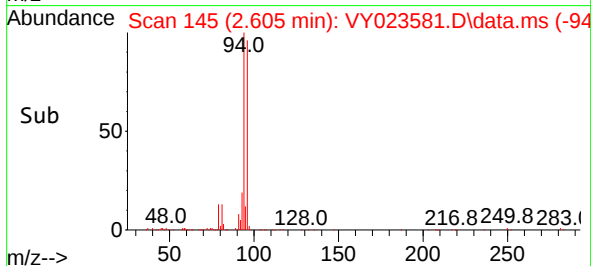
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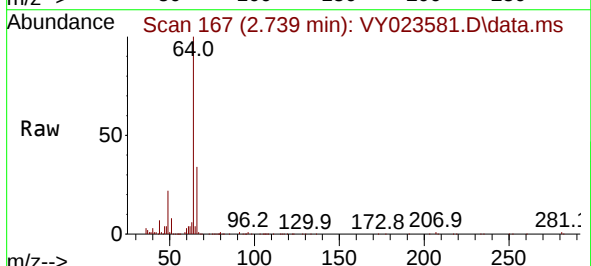
Tgt Ion: 94 Resp: 53310
Ion Ratio Lower Upper
94 100
96 95.5 74.5 111.7

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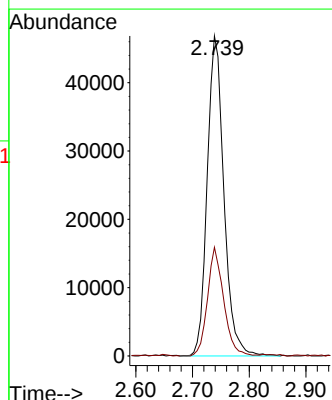
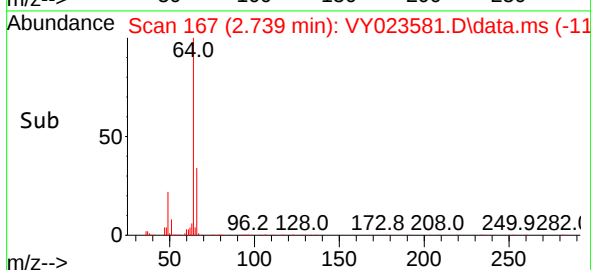
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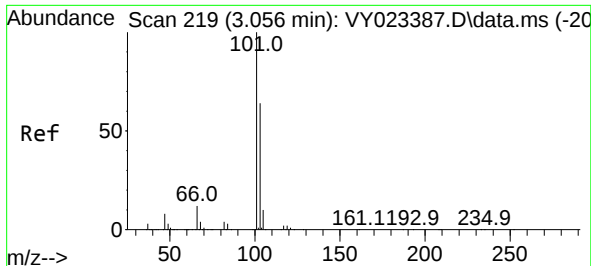


#6
Chloroethane
Concen: 63.470 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



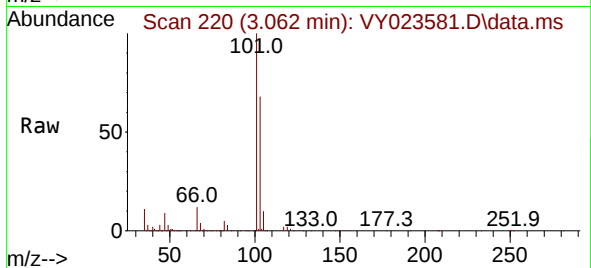
Tgt Ion: 64 Resp: 95948
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 64.324 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023581.D
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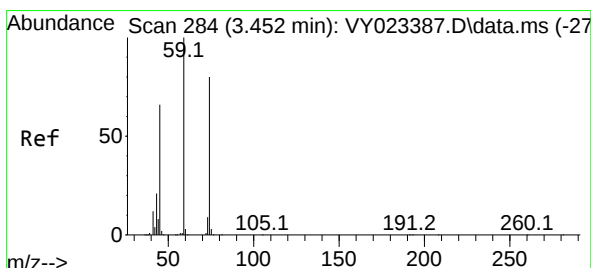
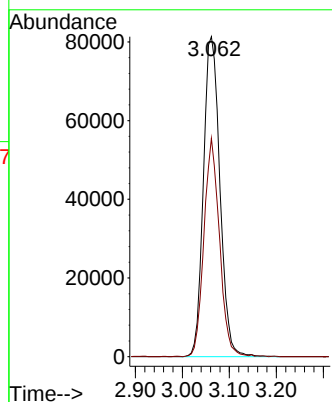
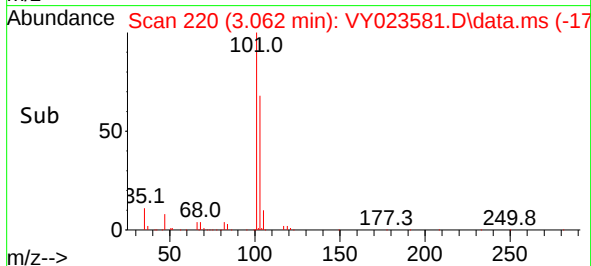
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Tgt Ion:101 Resp: 198070
Ion Ratio Lower Upper
101 100
103 68.2 51.3 76.9

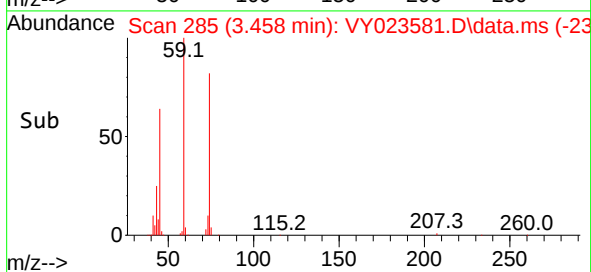
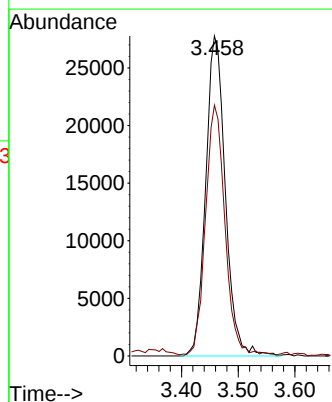
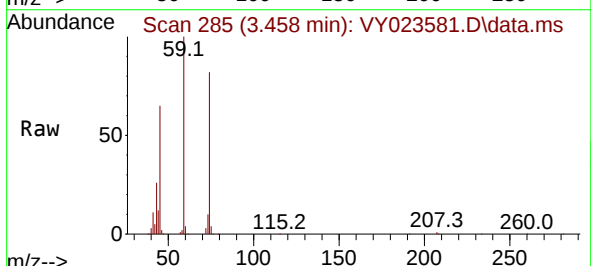
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#8
Diethyl Ether
Concen: 83.032 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 74 Resp: 66810
Ion Ratio Lower Upper
74 100
45 76.7 39.9 119.7





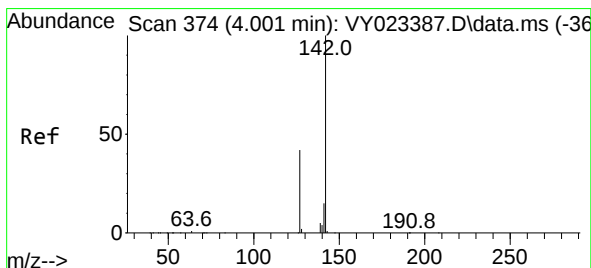
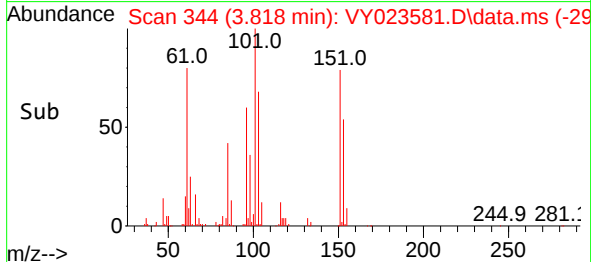
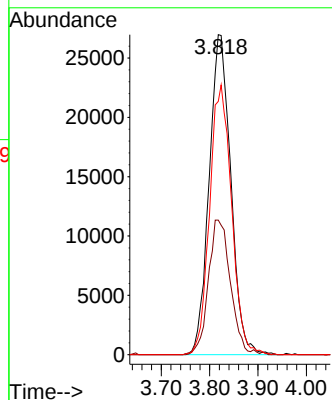
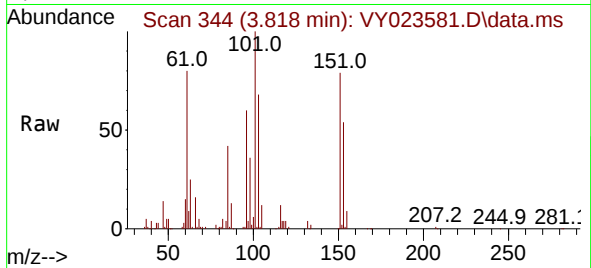
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.571 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023581.D
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Tgt Ion:101 Resp: 8400
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 85.5 67.0 100.6

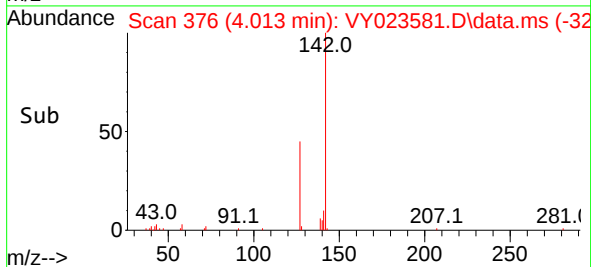
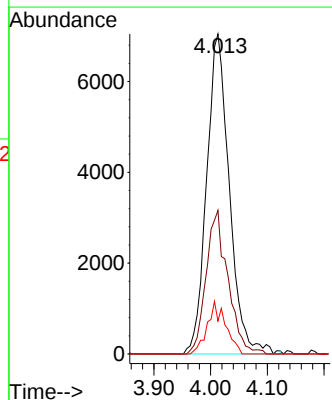
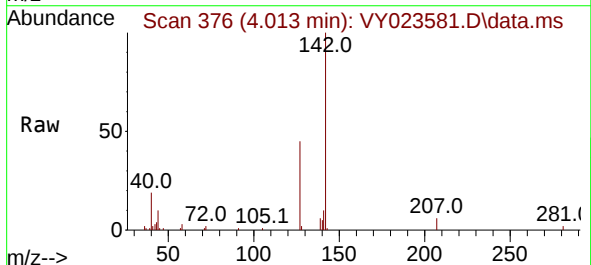
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 11.036 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

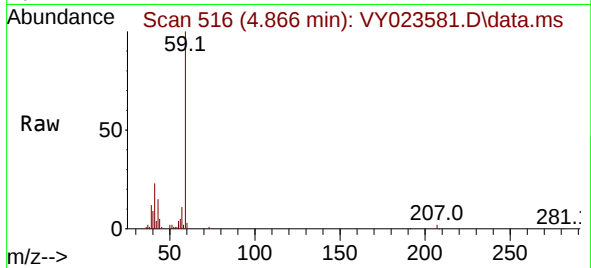
Tgt Ion:142 Resp: 19632
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 13.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 595.297 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

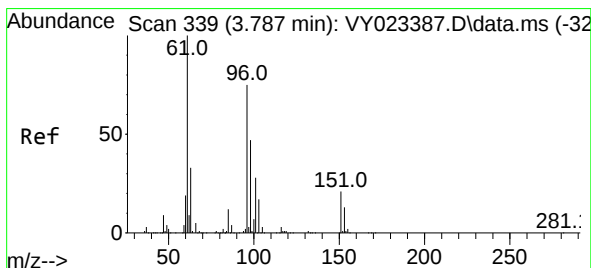
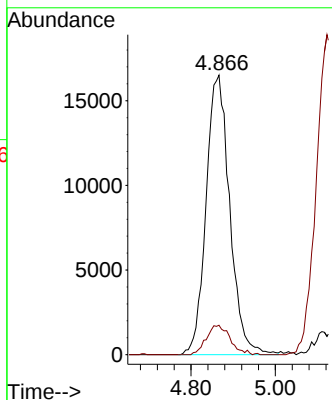
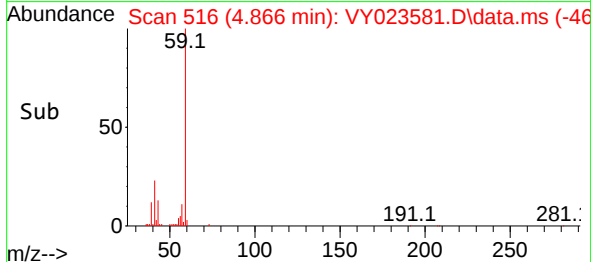
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



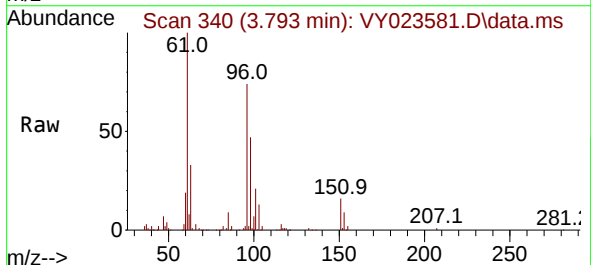
Tgt Ion: 59 Resp: 6430
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

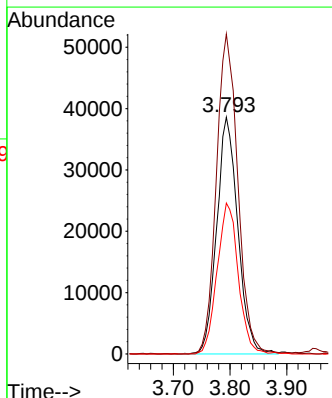
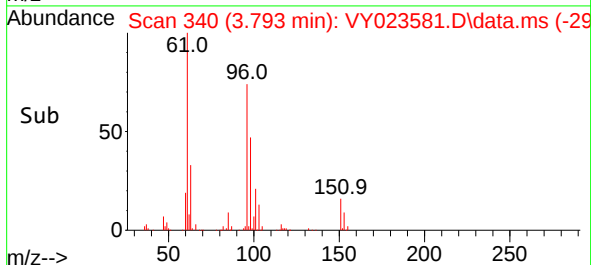
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

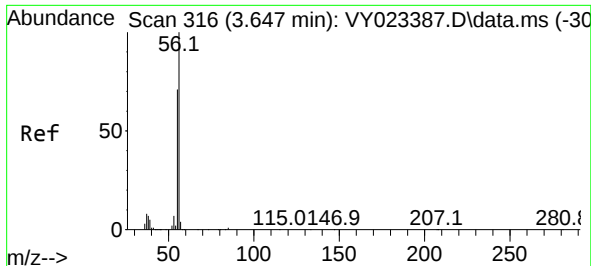


#12
1,1-Dichloroethene
Concen: 64.421 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



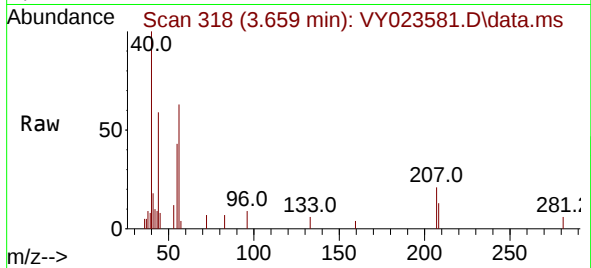
Tgt Ion: 96 Resp: 99787
Ion Ratio Lower Upper
96 100
61 135.1 106.7 160.1
98 63.7 50.2 75.4





#13
Acrolein
Concen: 13.784 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

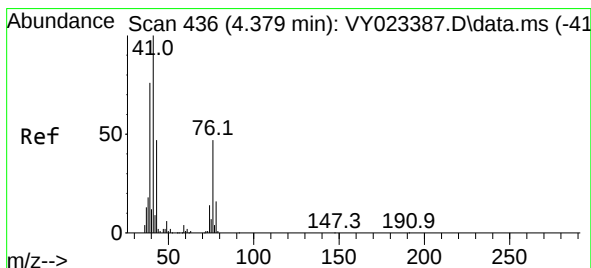
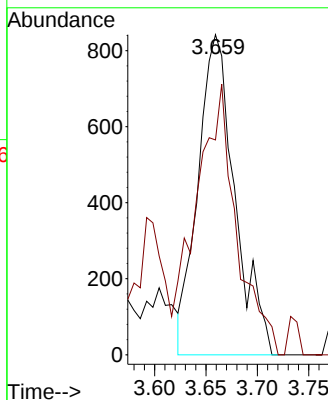
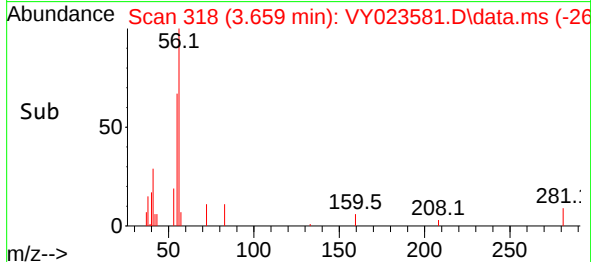
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
55 91.7 56.1 84.1

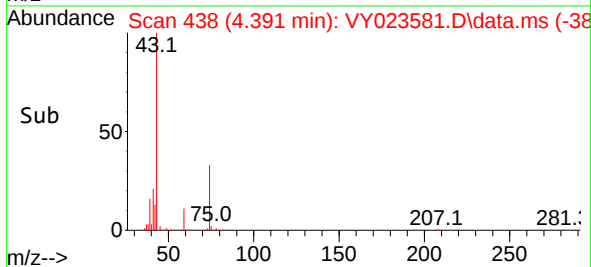
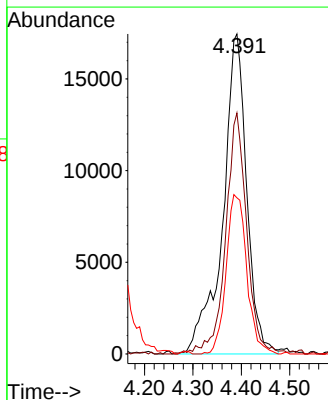
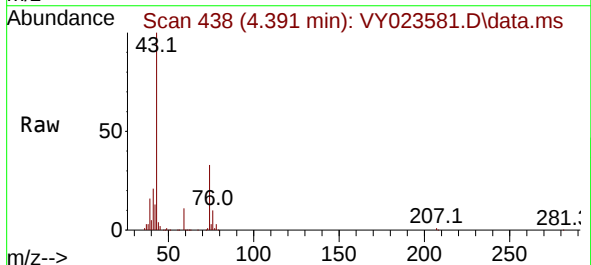
Manual Integrations
APPROVED

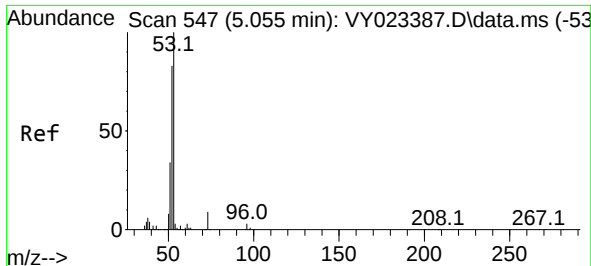
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 31.795 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

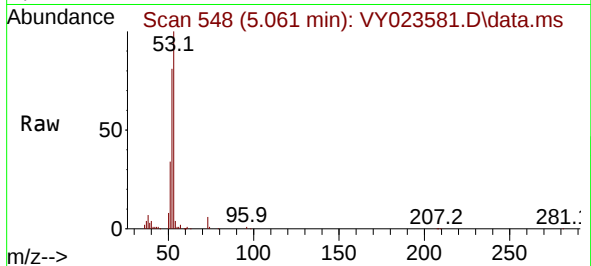
Tgt Ion: 41 Resp: 60022
Ion Ratio Lower Upper
41 100
39 66.4 59.9 89.9
76 43.1 38.0 57.0





#15
Acrylonitrile
Concen: 561.812 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

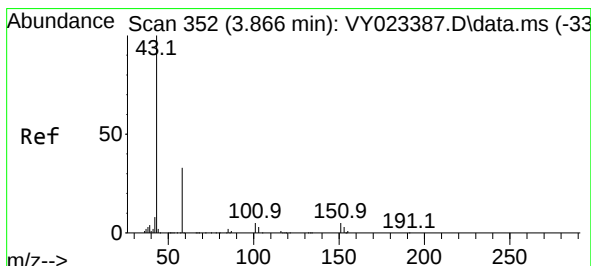
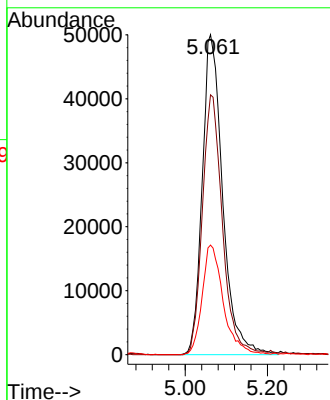
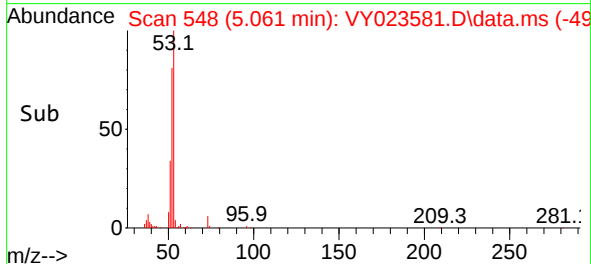
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



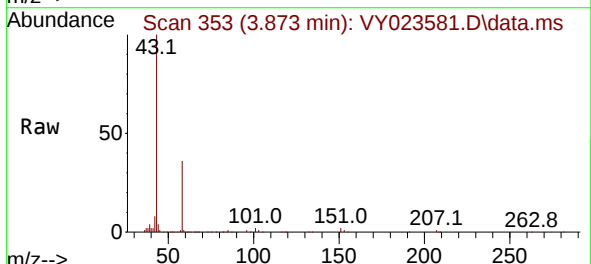
Tgt Ion: 53 Resp: 172997
Ion Ratio Lower Upper
53 100
52 79.6 64.6 97.0
51 35.5 29.5 44.3

Manual Integrations
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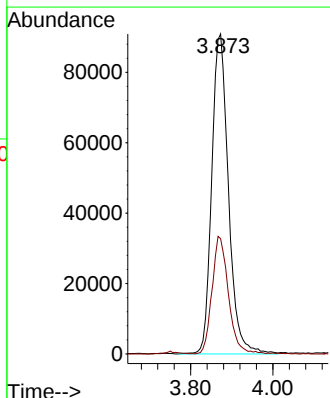
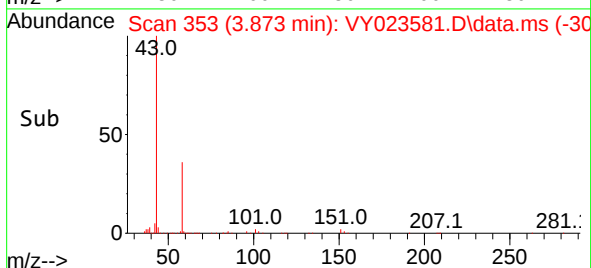
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

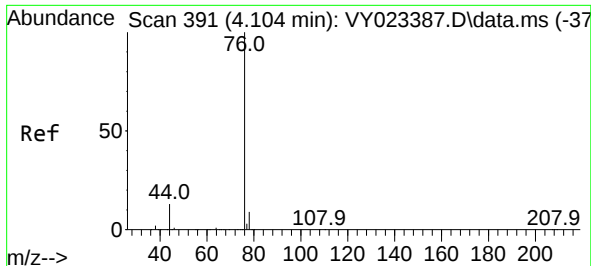


#16
Acetone
Concen: 742.075 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



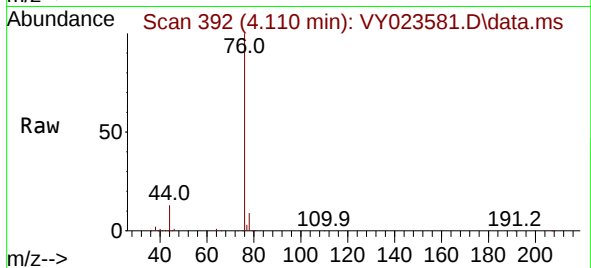
Tgt Ion: 43 Resp: 256528
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5





#17
Carbon Disulfide
Concen: 76.096 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

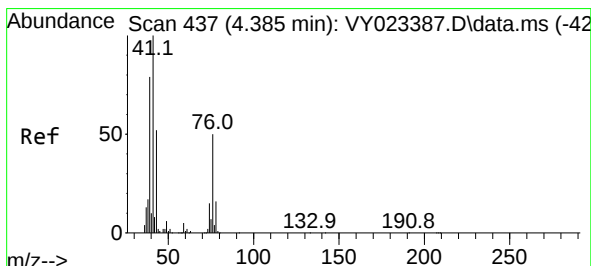
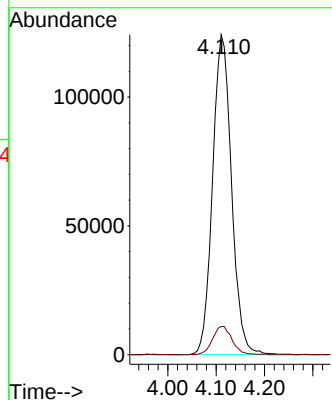
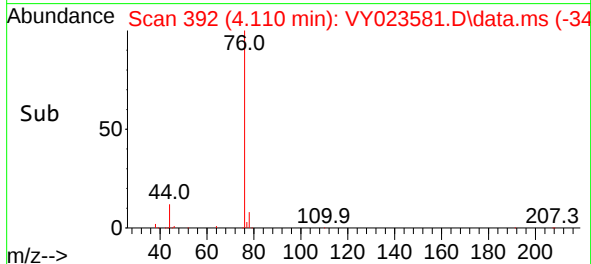
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 76 Resp: 337360
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

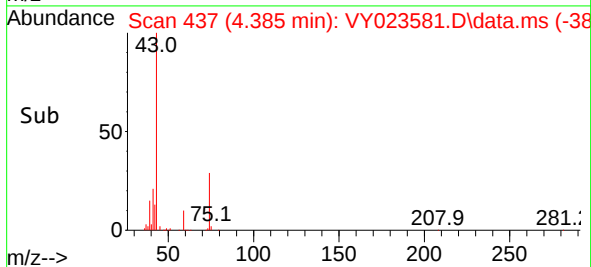
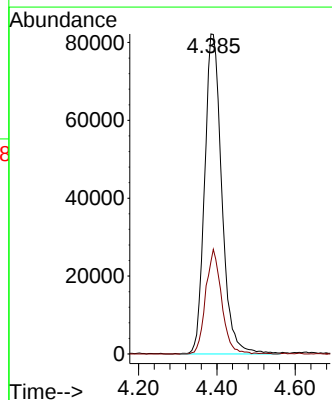
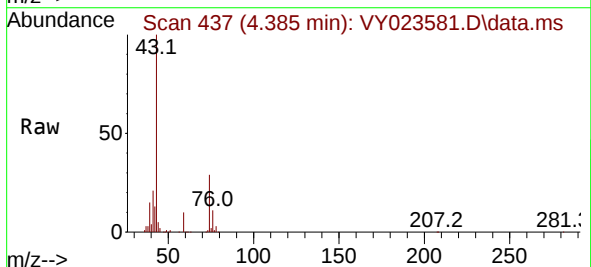
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 274.928 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

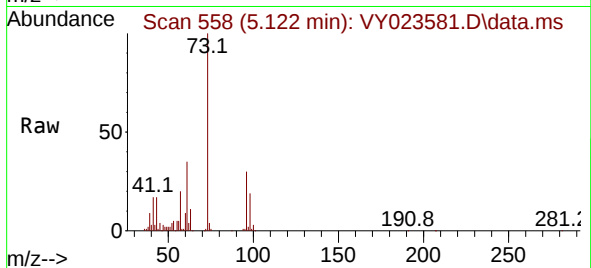
Tgt Ion: 43 Resp: 249309
Ion Ratio Lower Upper
43 100
74 30.4 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 93.001 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

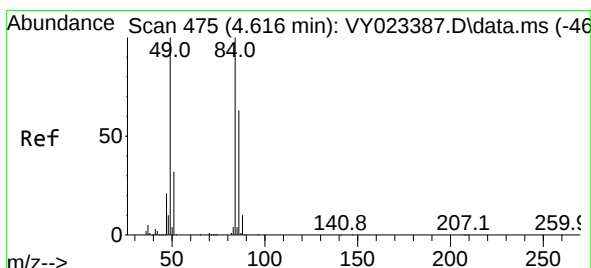
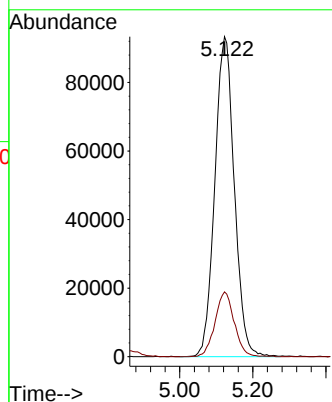
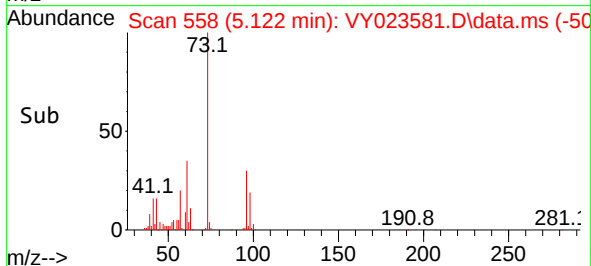
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



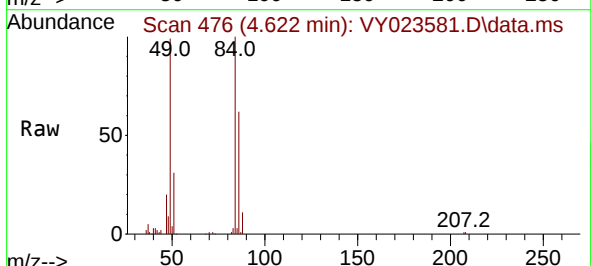
Tgt Ion: 73 Resp: 346220
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.0

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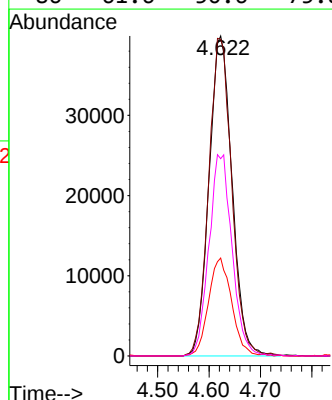
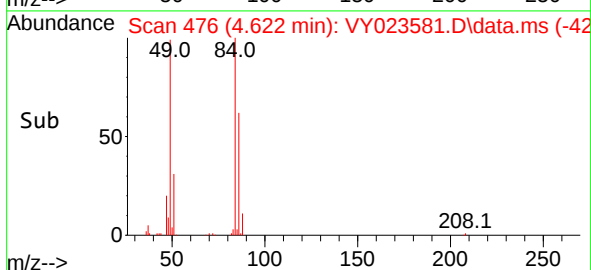
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

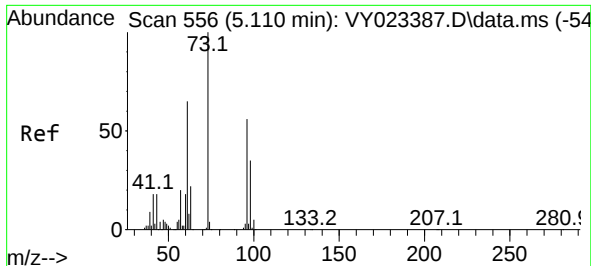


#20
Methylene Chloride
Concen: 66.285 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



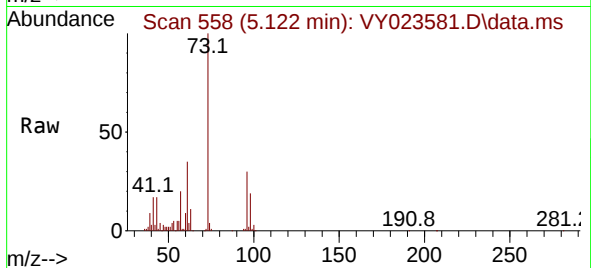
Tgt Ion: 84 Resp: 123905
Ion Ratio Lower Upper
84 100
49 99.0 80.2 120.4
51 30.6 25.9 38.9
86 61.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 52.303 ug/l
RT: 5.122 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

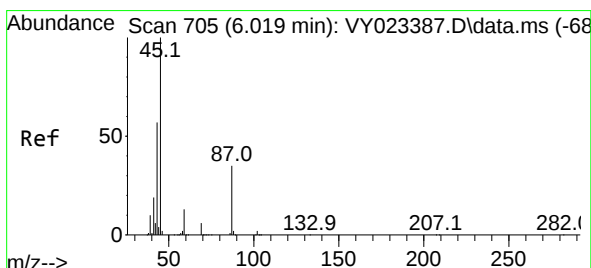
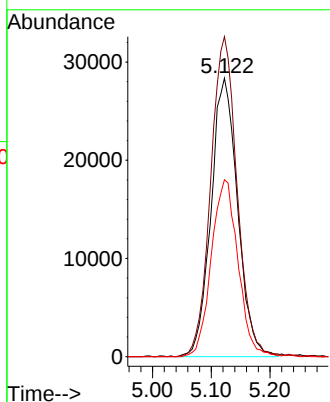
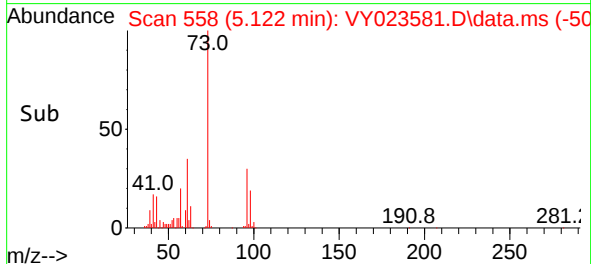
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



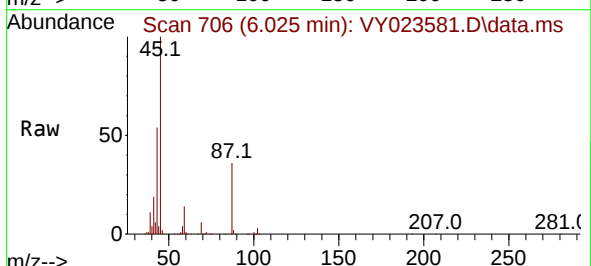
Tgt Ion: 96 Resp: 89197
Ion Ratio Lower Upper
96 100
61 114.7 92.7 139.1
98 63.5 49.7 74.5

Manual Integrations
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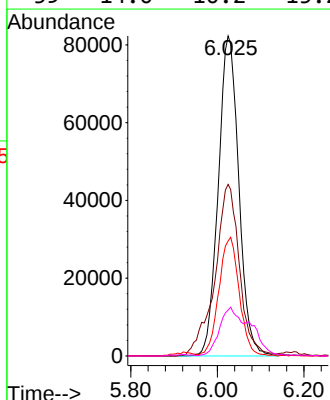
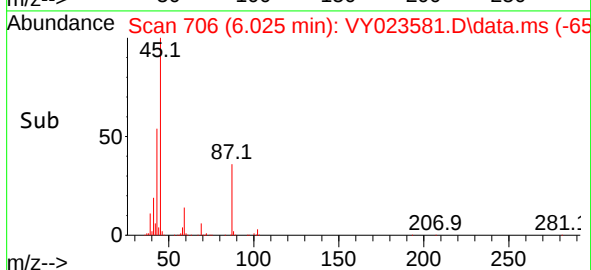
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

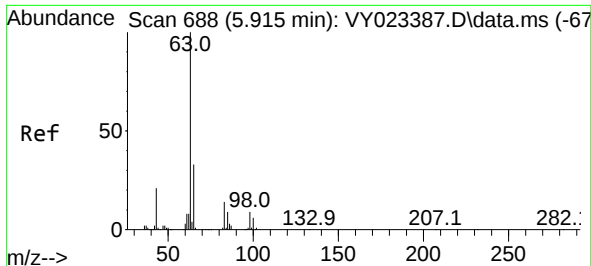


#22
Diisopropyl ether
Concen: 64.879 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



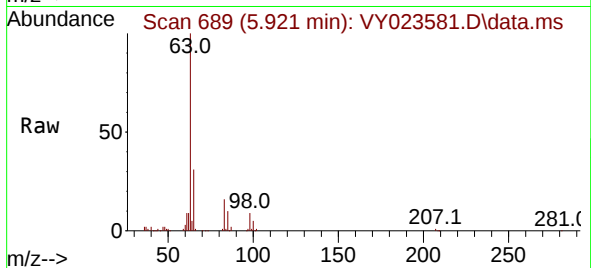
Tgt Ion: 45 Resp: 270915
Ion Ratio Lower Upper
45 100
43 53.5 45.6 68.4
87 36.0 28.1 42.1
59 14.0 10.2 15.2





#24
1,1-Dichloroethane
Concen: 66.444 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

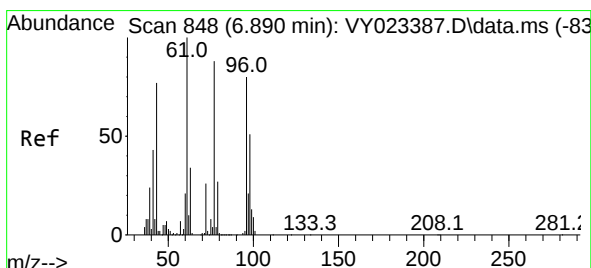
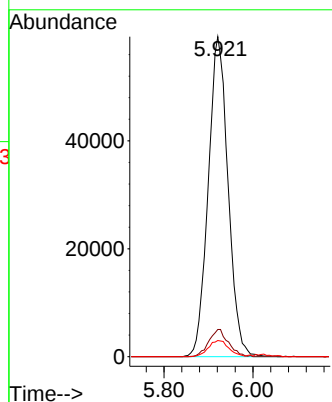
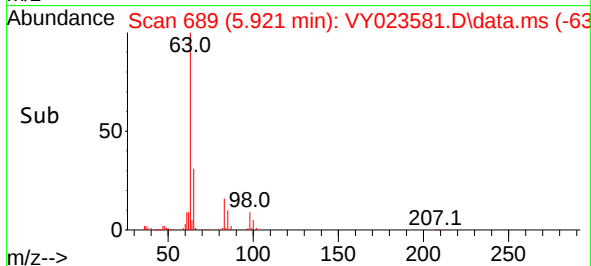
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 63 Resp: 183785
Ion Ratio Lower Upper
63 100
98 8.5 4.3 13.1
100 5.1 2.8 8.4

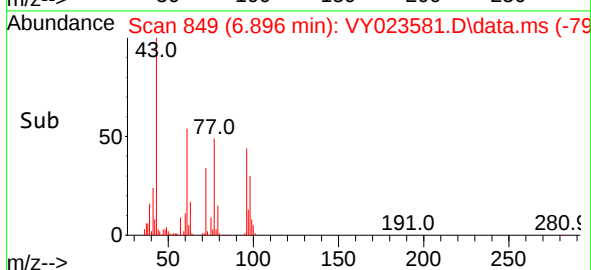
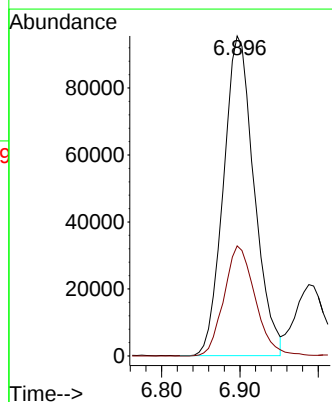
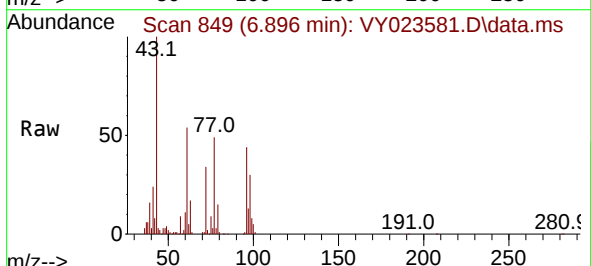
Manual Integrations
APPROVED

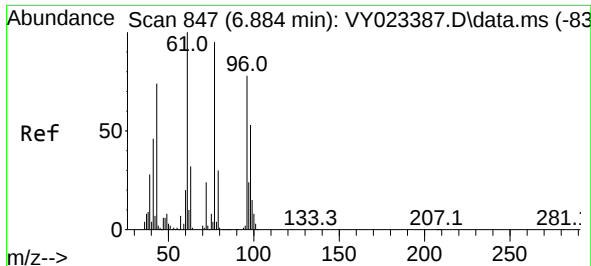
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#25
2-Butanone
Concen: 615.426 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 43 Resp: 259730
Ion Ratio Lower Upper
43 100
72 34.4 27.4 41.2





#26

2,2-Dichloropropane

Concen: 61.616 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion: 77 Resp: 15638

Ion Ratio Lower Upper

77 100

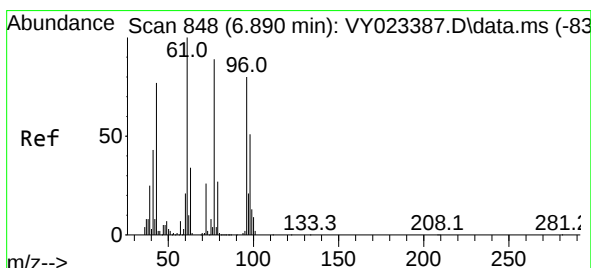
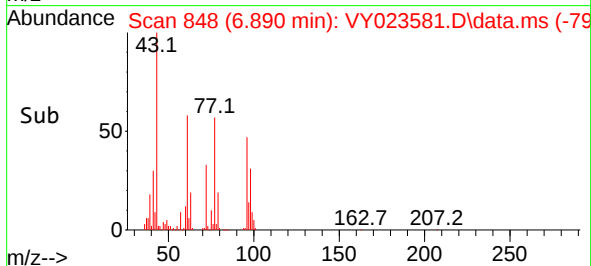
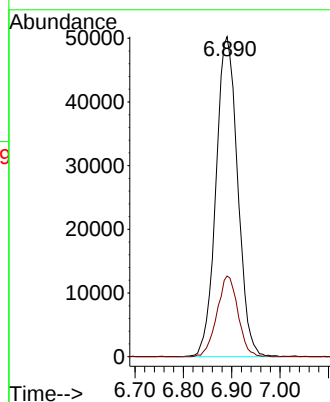
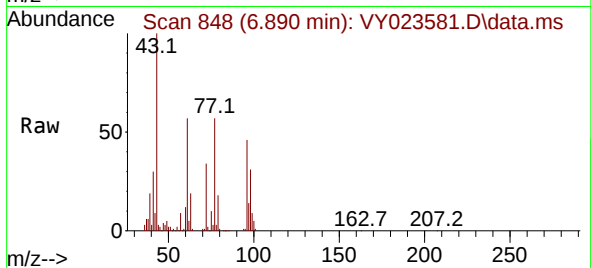
97 24.5 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#27

cis-1,2-Dichloroethene

Concen: 60.364 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

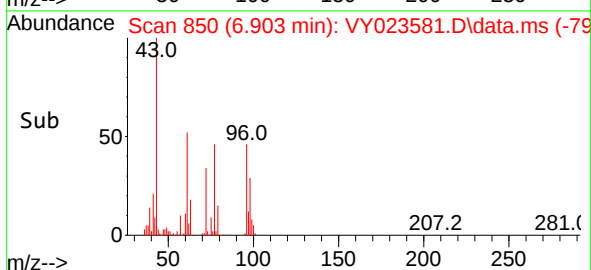
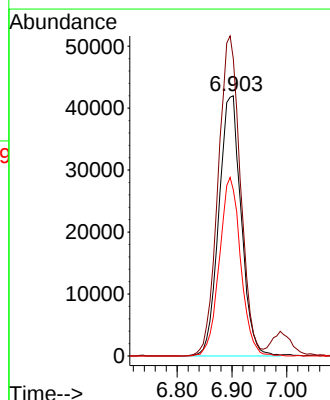
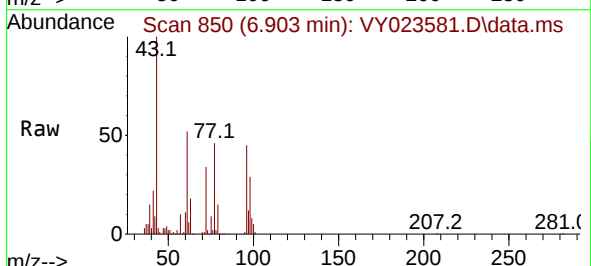
Tgt Ion: 96 Resp: 118912

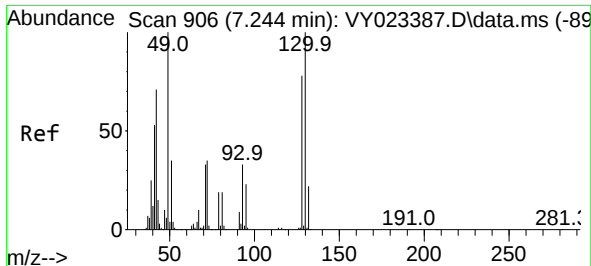
Ion Ratio Lower Upper

96 100

61 123.5 0.0 258.2

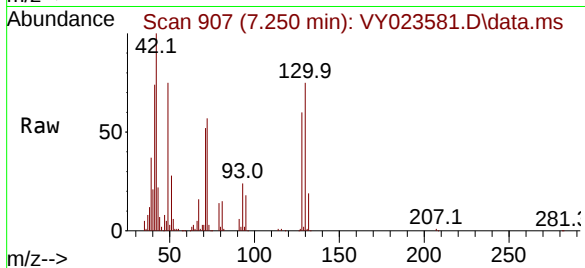
98 65.7 0.0 132.0





#28
Bromochloromethane
Concen: 60.847 ug/l
RT: 7.250 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

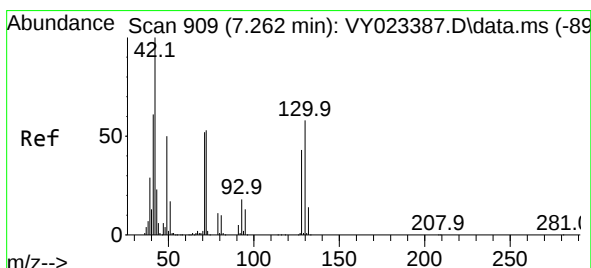
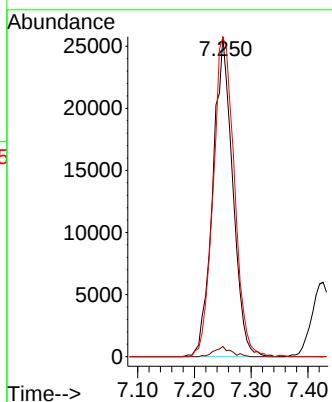
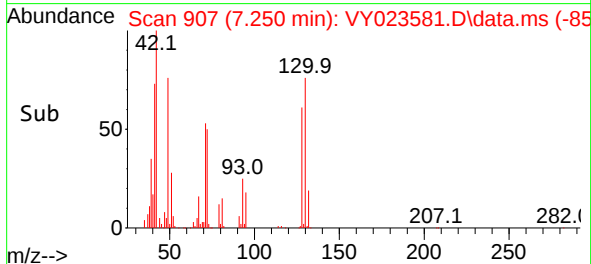
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



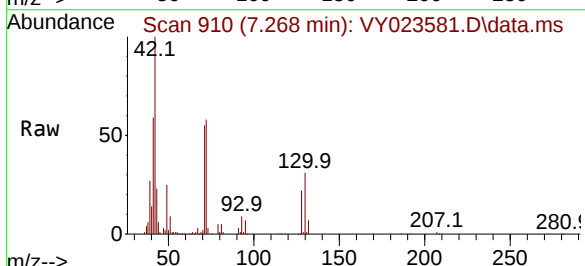
Tgt Ion: 49 Resp: 62830
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 106.2 81.9 122.9

Manual Integrations
APPROVED

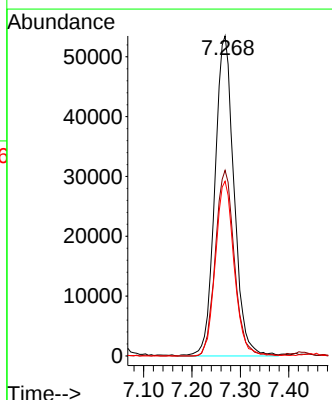
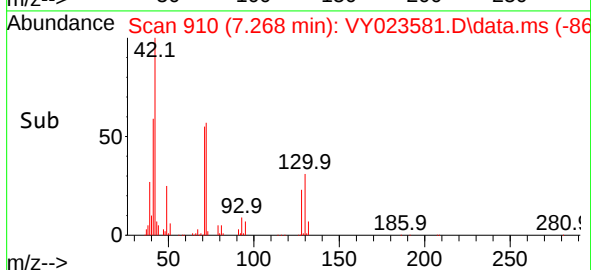
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

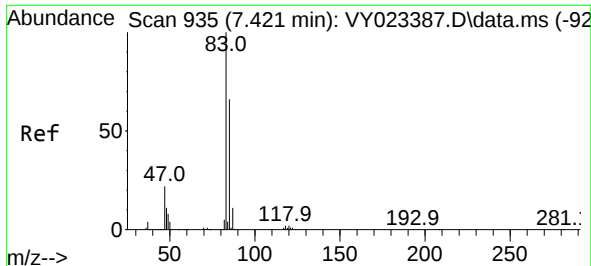


#29
Tetrahydrofuran
Concen: 613.662 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



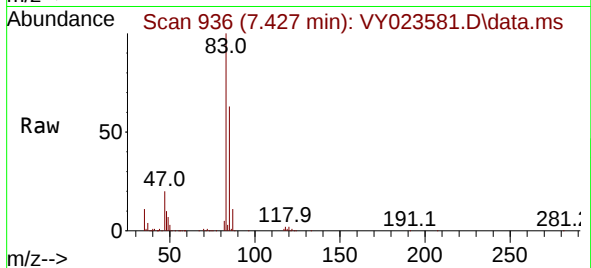
Tgt Ion: 42 Resp: 146863
Ion Ratio Lower Upper
42 100
72 57.7 43.0 64.6
71 53.6 40.1 60.1





#30
Chloroform
Concen: 68.343 ug/l
RT: 7.427 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

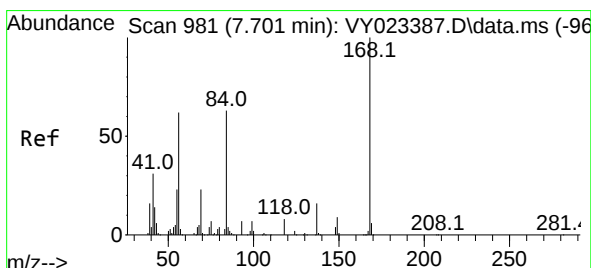
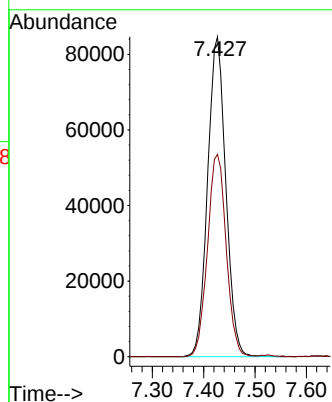
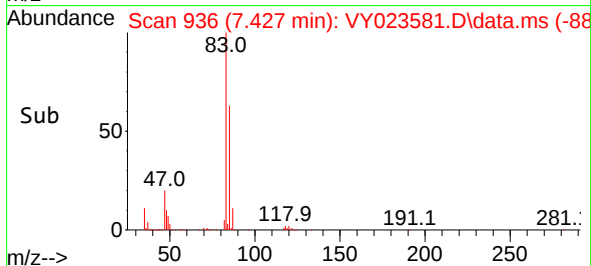
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



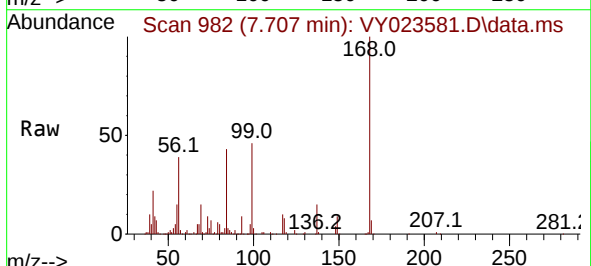
Tgt Ion: 83 Resp: 207694
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7

Manual Integrations
APPROVED

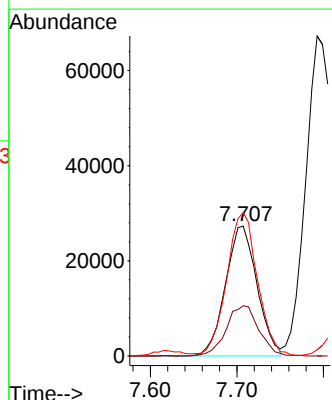
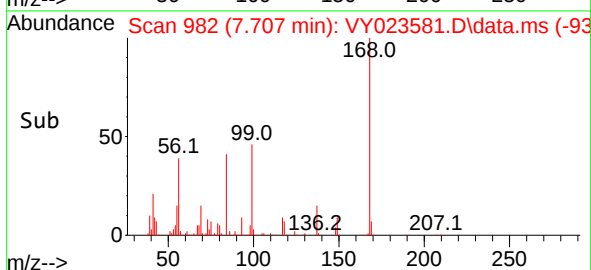
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

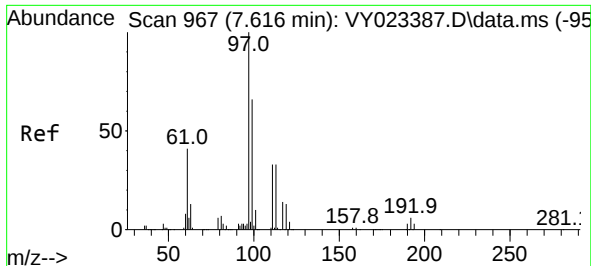


#31
Cyclohexane
Concen: 28.623 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



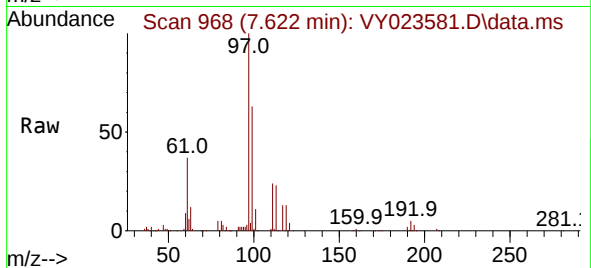
Tgt Ion: 56 Resp: 69141
Ion Ratio Lower Upper
56 100
69 38.7 30.0 45.0
84 107.1 81.2 121.8





#32
1,1,1-Trichloroethane
Concen: 62.365 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

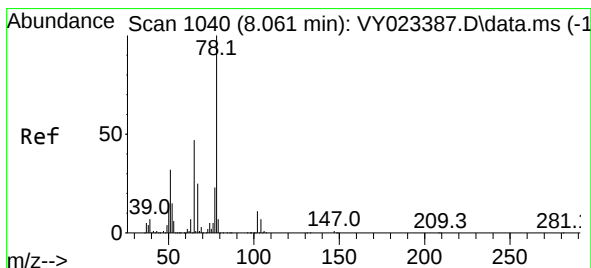
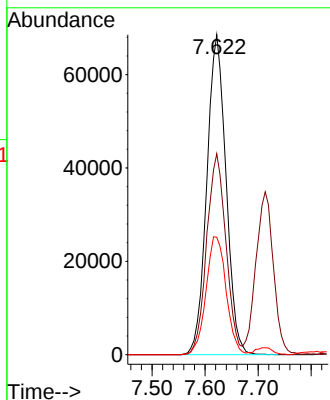
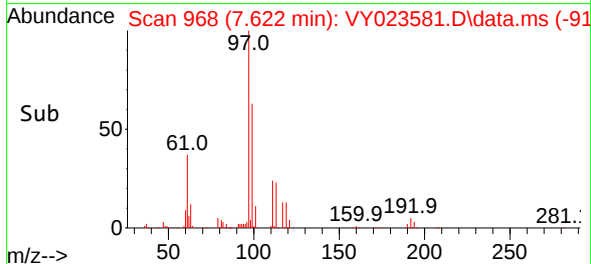
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



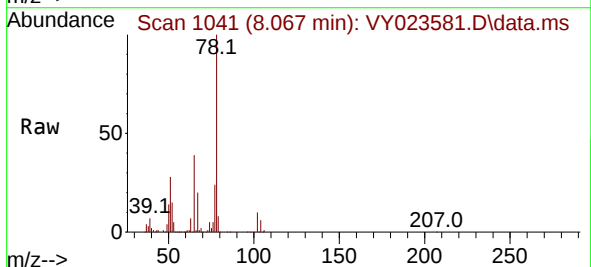
Tgt Ion: 97 Resp: 172234
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 38.7 31.9 47.9

Manual Integrations
APPROVED

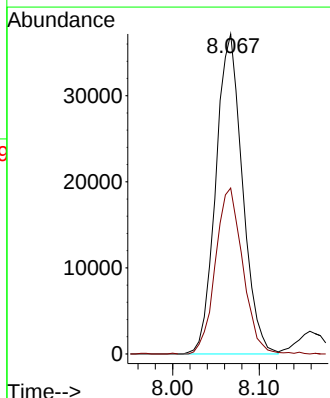
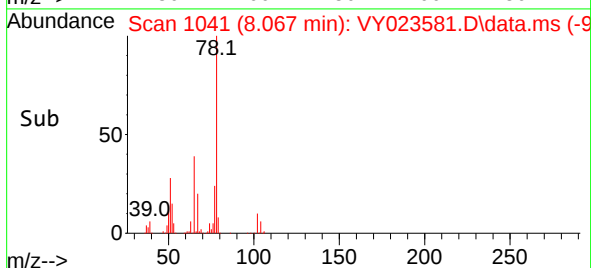
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

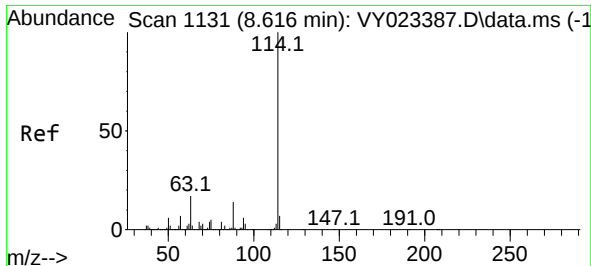


#33
1,2-Dichloroethane-d4
Concen: 54.679 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



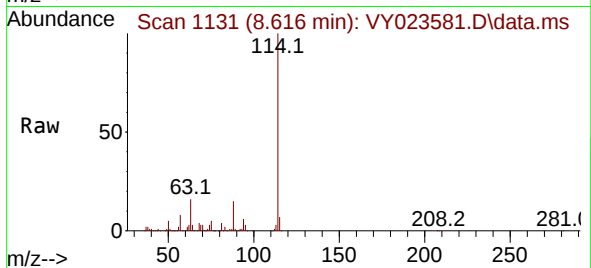
Tgt Ion: 65 Resp: 79397
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

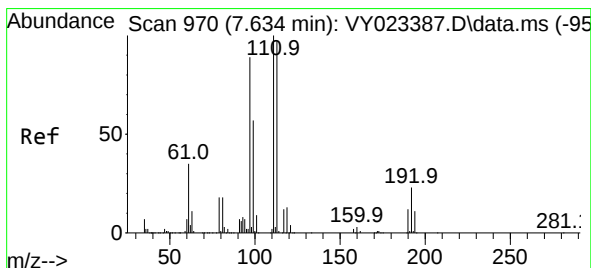
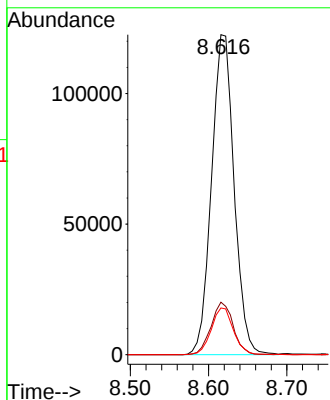
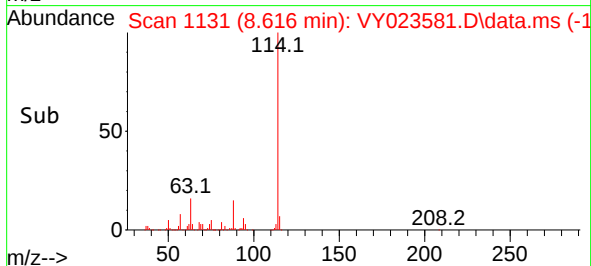
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



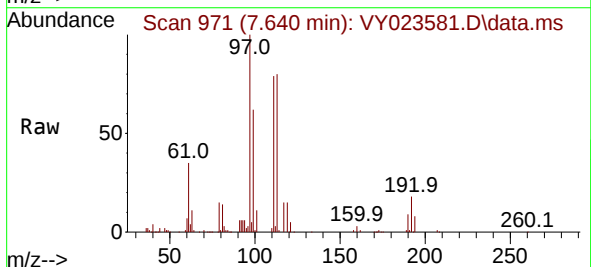
Tgt Ion:114 Resp: 24558
Ion Ratio Lower Upper
114 100
63 16.4 0.0 34.2
88 14.6 0.0 28.4

Manual Integrations
APPROVED

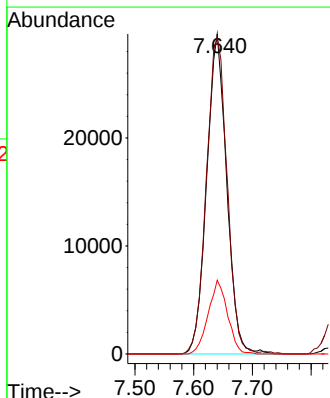
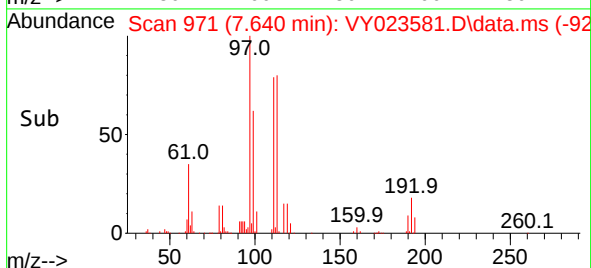
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

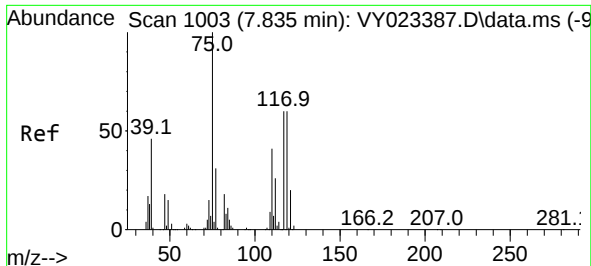


#35
Dibromofluoromethane
Concen: 46.388 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



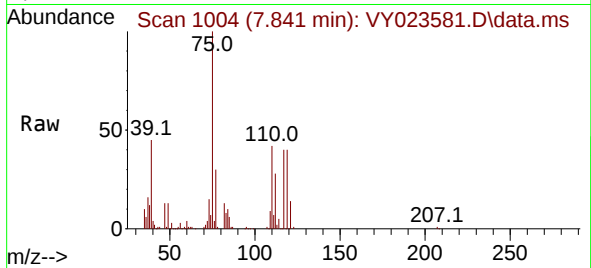
Tgt Ion:113 Resp: 69999
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 22.3 18.0 27.0





#36
1,1-Dichloropropene
Concen: 53.722 ug/l
RT: 7.841 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

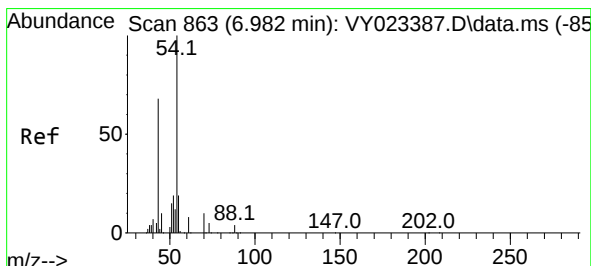
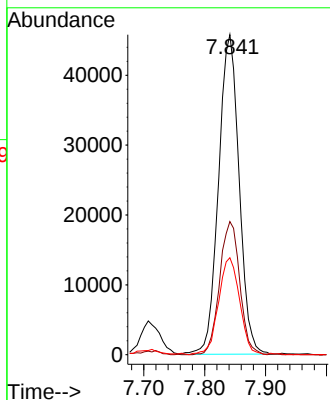
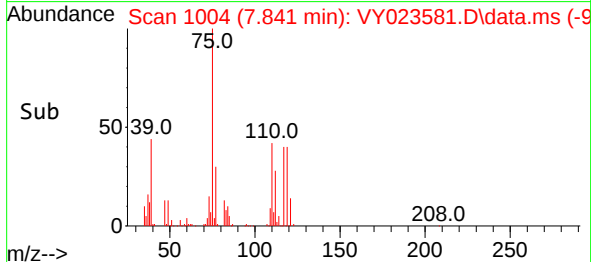
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 75 Resp: 10732
Ion Ratio Lower Upper
75 100
110 40.8 19.9 59.7
77 31.0 25.0 37.6

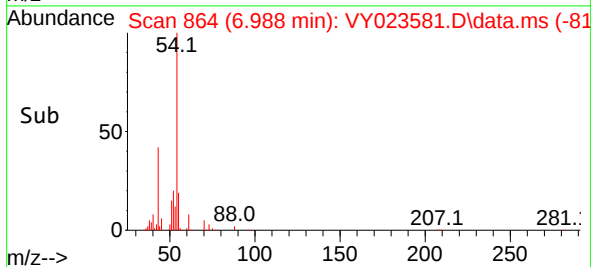
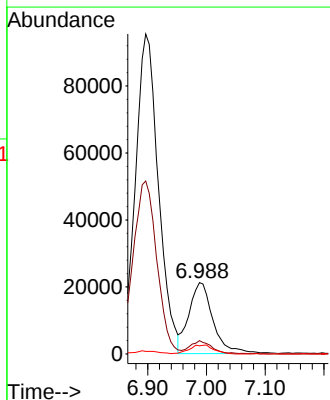
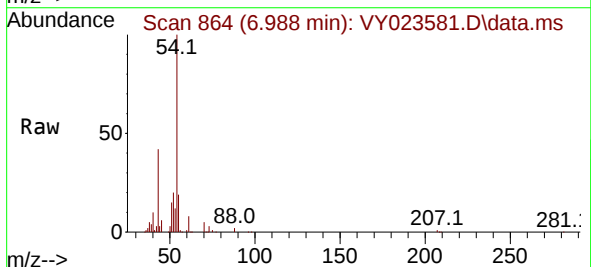
Manual Integrations
APPROVED

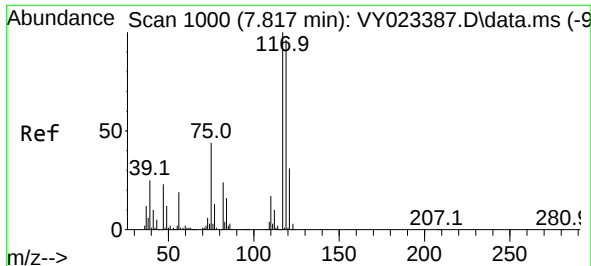
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#37
Ethyl Acetate
Concen: 76.589 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

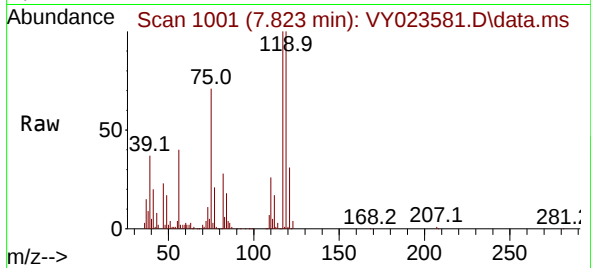
Tgt Ion: 43 Resp: 60616
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.8
70 12.6 10.5 15.7





#38
Carbon Tetrachloride
Concen: 37.274 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

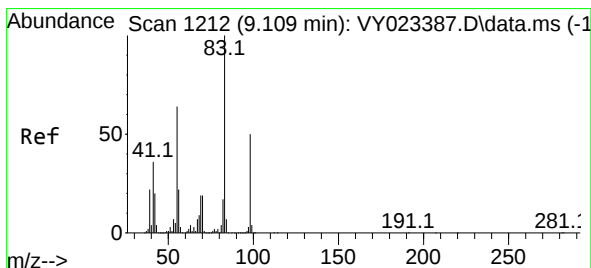
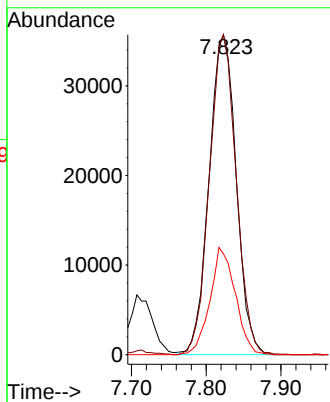
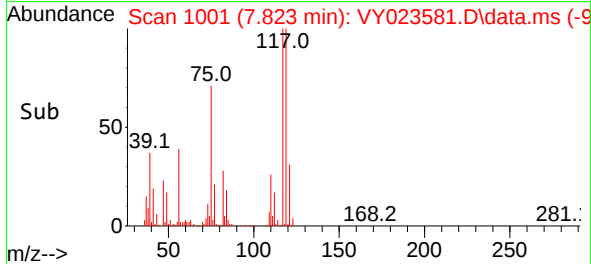
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:117 Resp: 9029
Ion Ratio Lower Upper
117 100
119 100.0 76.8 115.2
121 31.5 24.5 36.7

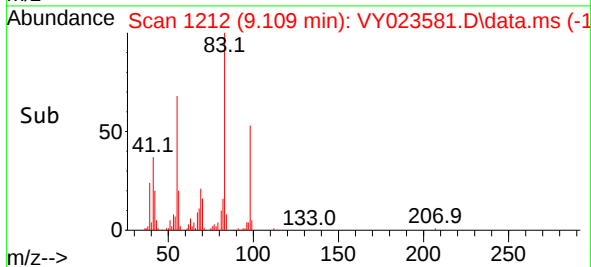
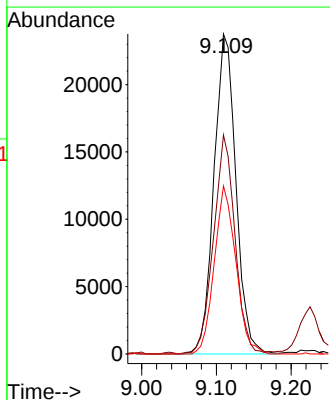
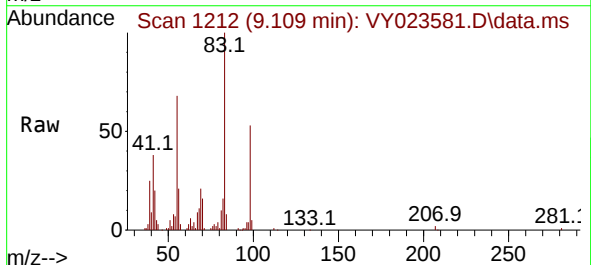
Manual Integrations
APPROVED

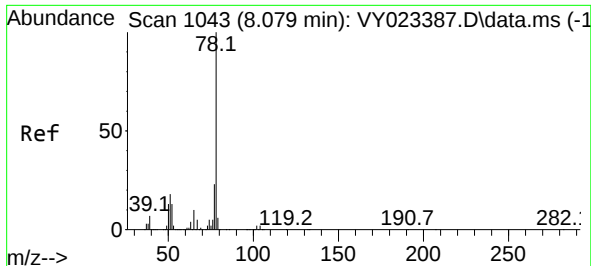
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#39
Methylcyclohexane
Concen: 18.618 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

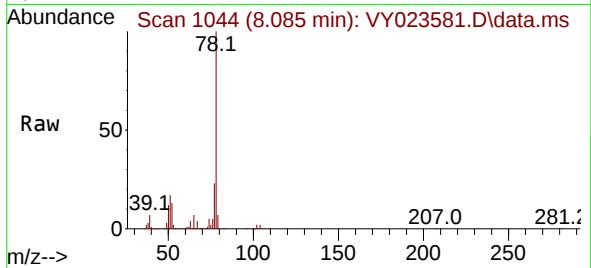
Tgt Ion: 83 Resp: 48427
Ion Ratio Lower Upper
83 100
55 68.5 51.4 77.2
98 52.5 40.4 60.6





#40
Benzene
Concen: 64.635 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

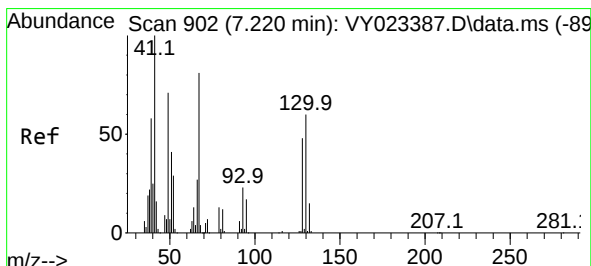
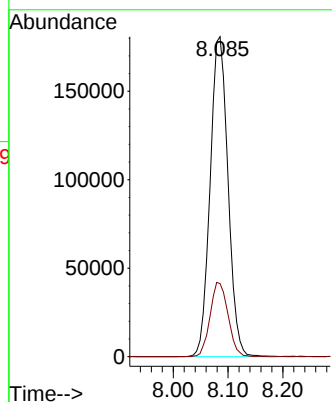
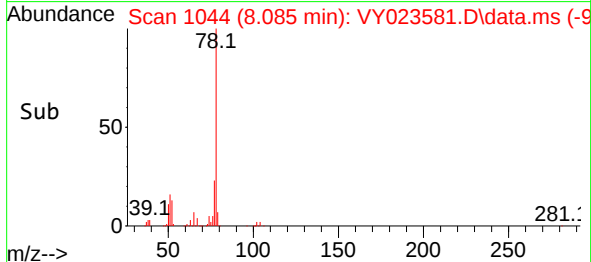
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion: 78 Resp: 408920
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5

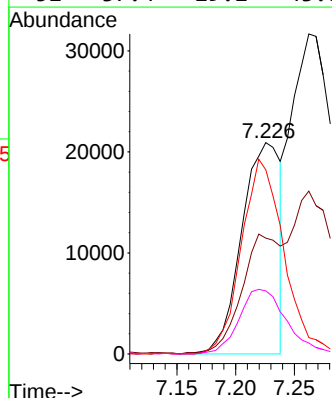
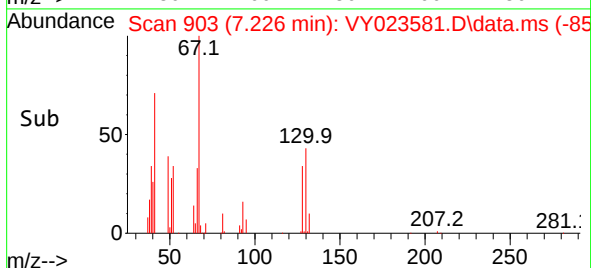
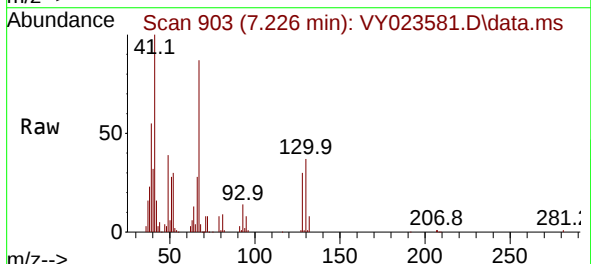
Manual Integrations
APPROVED

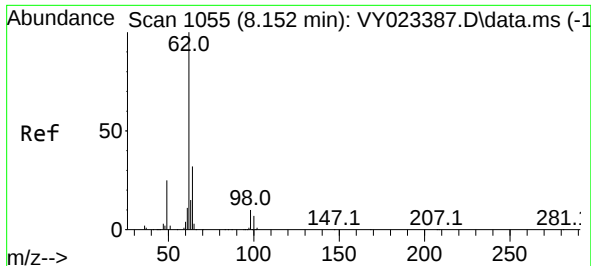
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#41
Methacrylonitrile
Concen: 111.951 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 41 Resp: 47920
Ion Ratio Lower Upper
41 100
39 55.8 52.2 78.4
67 102.7 74.9 112.3
52 37.4 29.2 43.8





#42

1,2-Dichloroethane

Concen: 77.773 ug/l

RT: 8.158 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VY023581.D

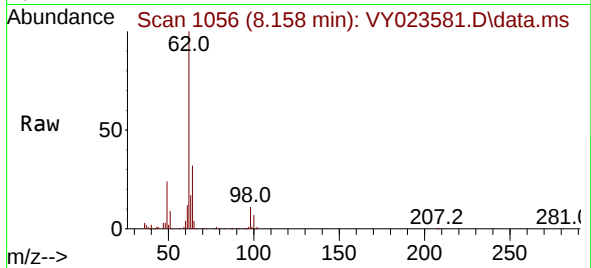
Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion: 62 Resp: 12689

Ion Ratio Lower Upper

62 100

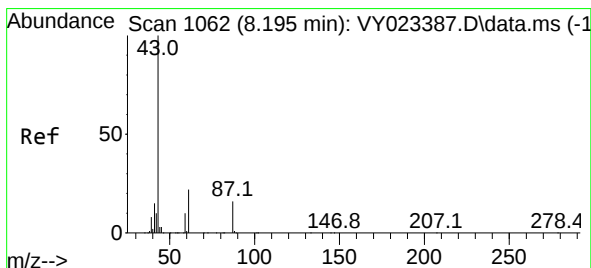
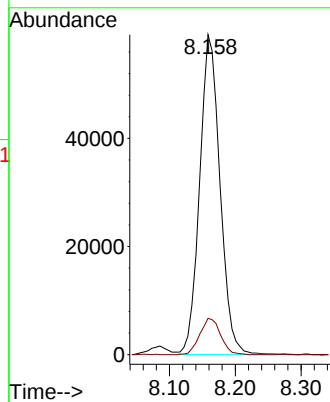
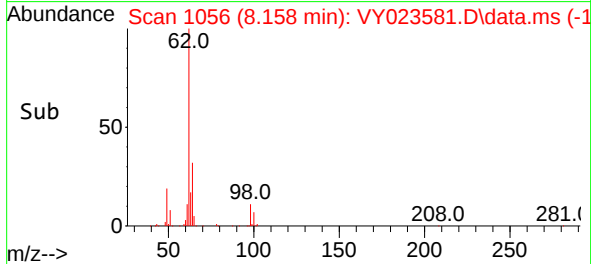
98 11.6 0.0 21.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#43

Isopropyl Acetate

Concen: 85.645 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

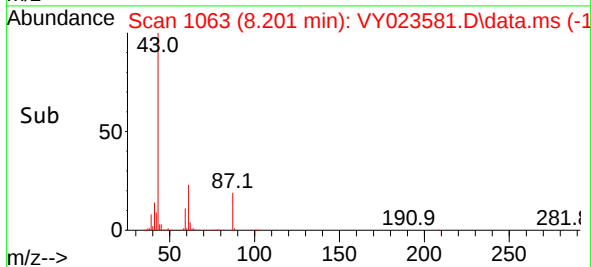
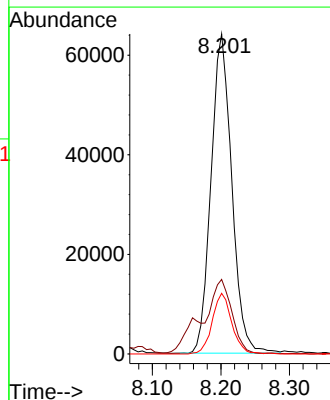
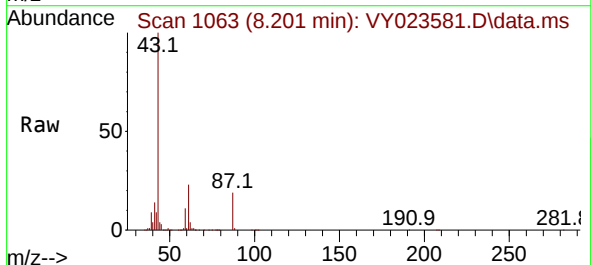
Tgt Ion: 43 Resp: 135161

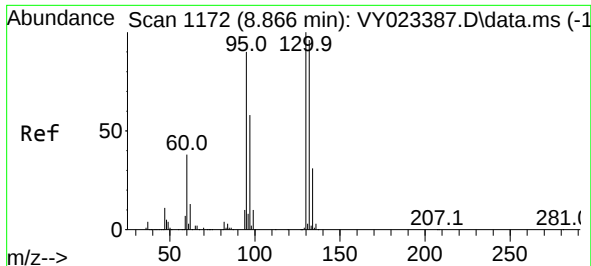
Ion Ratio Lower Upper

43 100

61 24.3 18.1 27.1

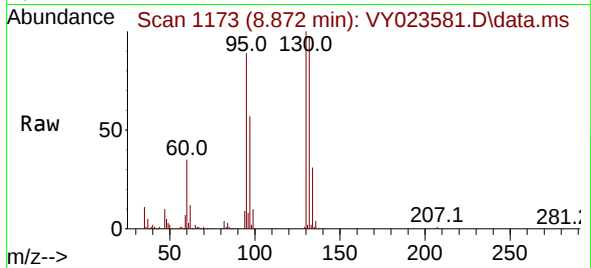
87 18.0 13.5 20.3





#44
 Trichloroethene
 Concen: 56.858 ug/l
 RT: 8.872 min Scan# 1173
 Delta R.T. 0.006 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20

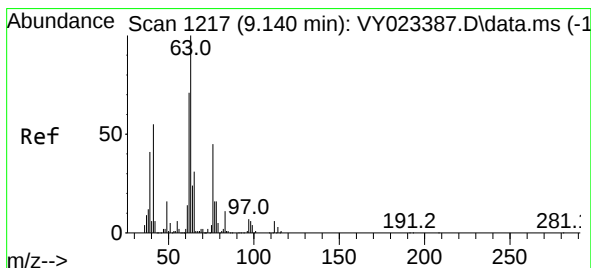
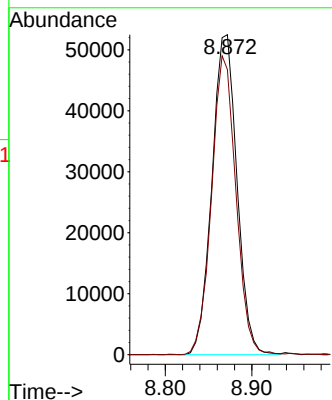
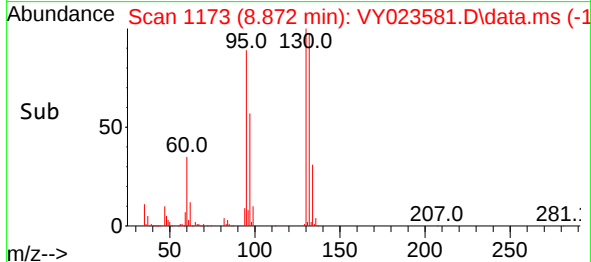
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MSD



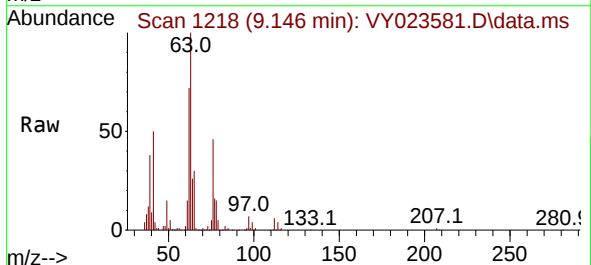
Tgt Ion:130 Resp: 105280
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 180.6

Manual Integrations
 APPROVED

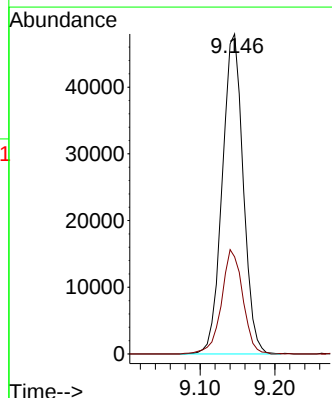
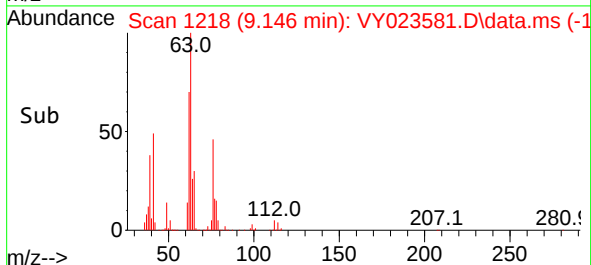
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

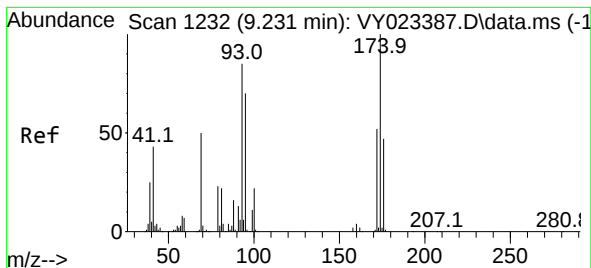


#45
 1,2-Dichloropropane
 Concen: 66.784 ug/l
 RT: 9.146 min Scan# 1218
 Delta R.T. 0.006 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20



Tgt Ion: 63 Resp: 93324
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3





#46

Dibromomethane

Concen: 81.785 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion: 93 Resp: 7226

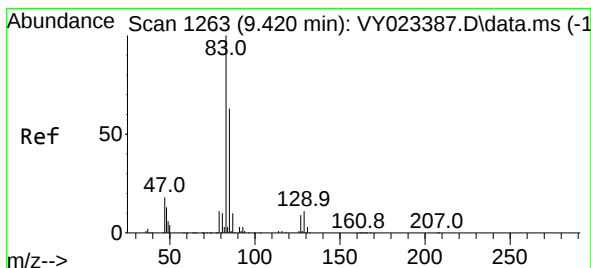
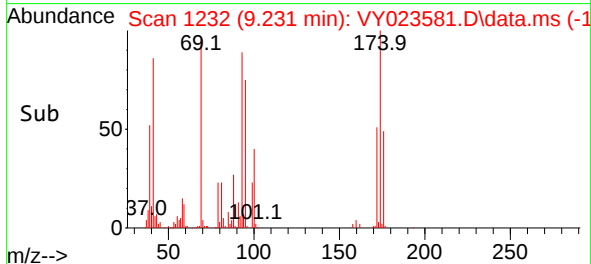
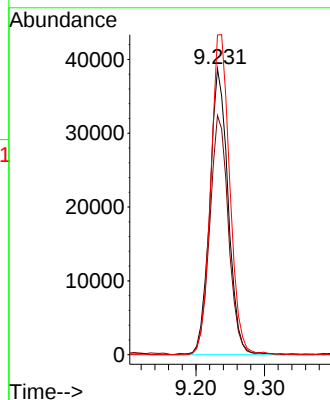
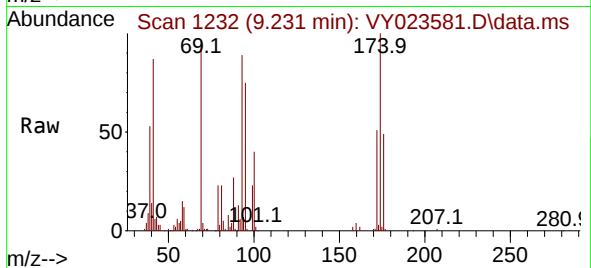
Ion	Ratio	Lower	Upper
93	100		
95	85.2	65.4	98.0
174	116.1	92.9	139.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#47

Bromodichloromethane

Concen: 65.769 ug/l

RT: 9.427 min Scan# 1264

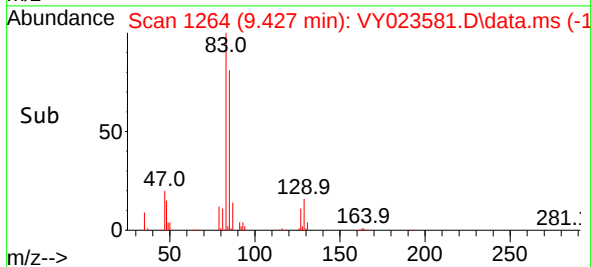
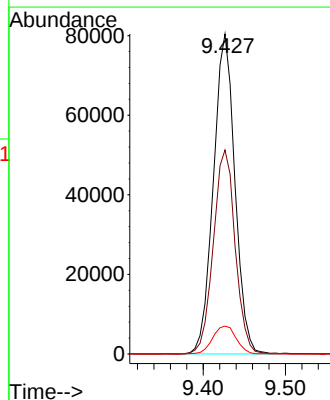
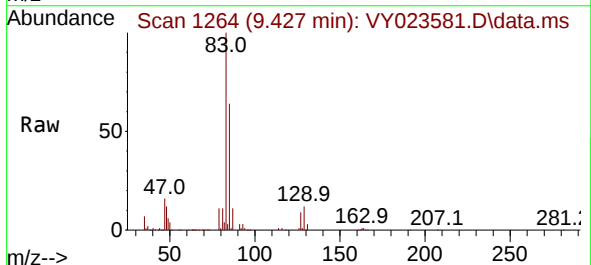
Delta R.T. 0.006 min

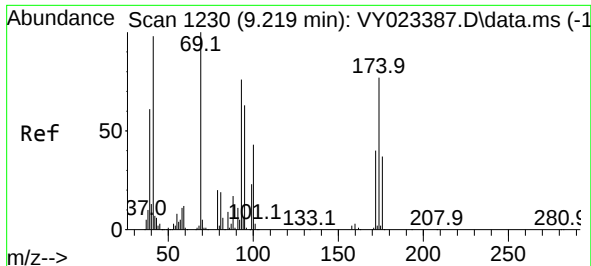
Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Tgt Ion: 83 Resp: 146364

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.8	76.2
127	8.7	7.4	11.2





#48

Methyl methacrylate

Concen: 116.898 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion: 41 Resp: 8666

Ion Ratio Lower Upper

41 100

69 105.7 81.0 121.4

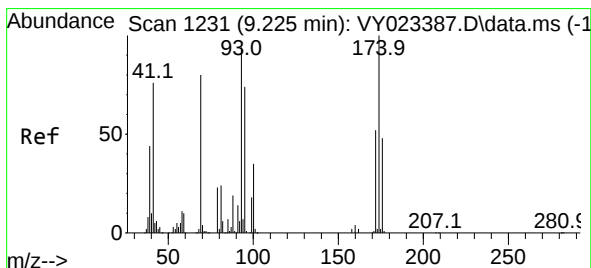
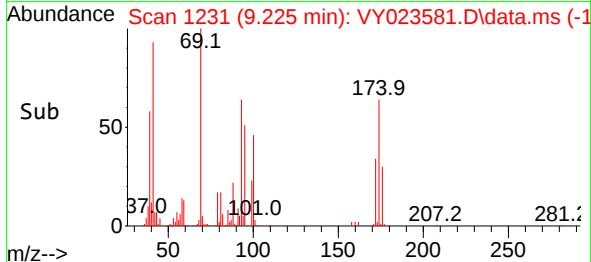
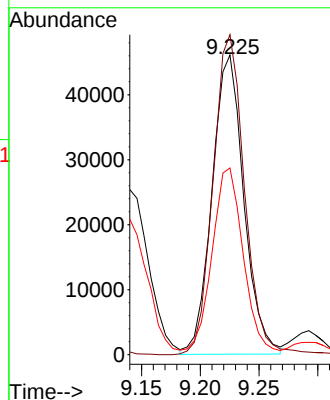
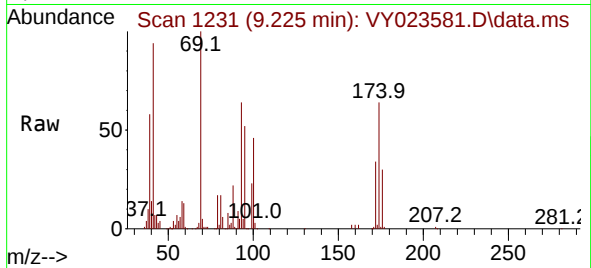
39 61.2 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#49

1,4-Dioxane

Concen: 2590.939 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

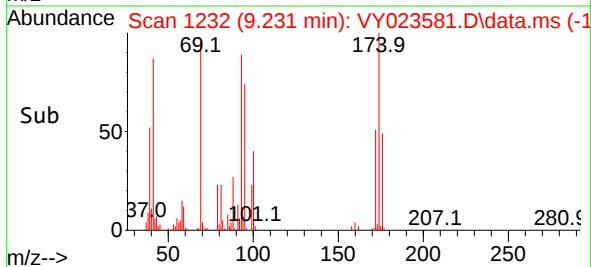
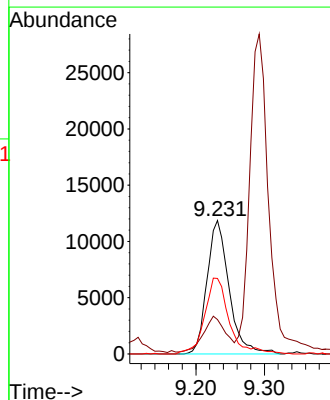
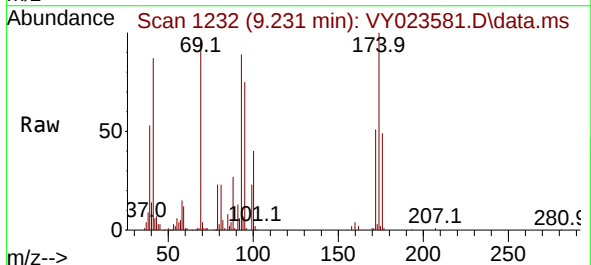
Tgt Ion: 88 Resp: 26544

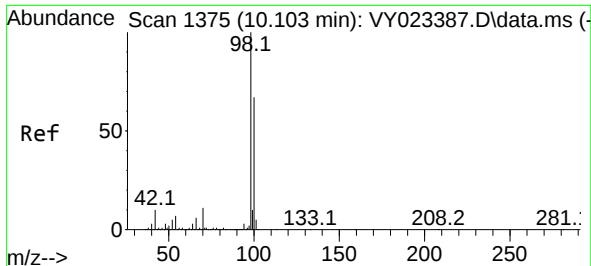
Ion Ratio Lower Upper

88 100

43 27.8 21.8 32.8

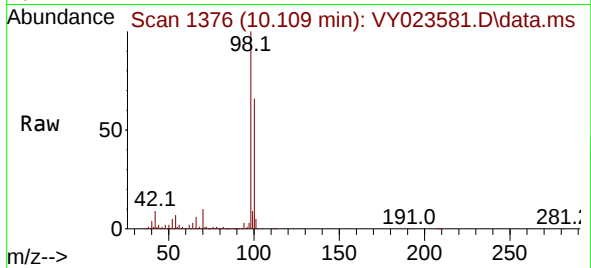
58 63.0 46.8 70.2





#50
Toluene-d8
Concen: 34.650 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

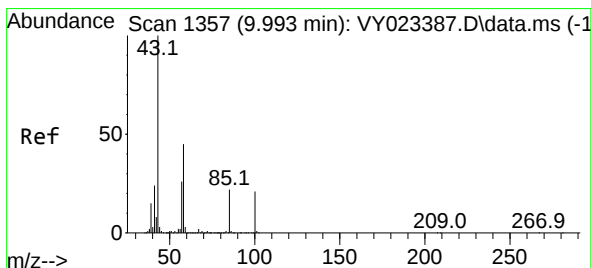
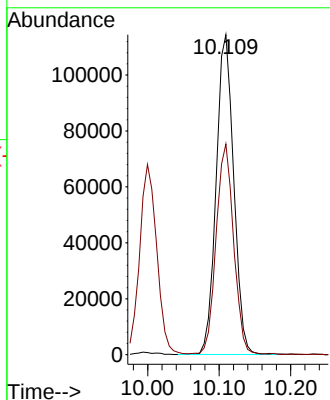
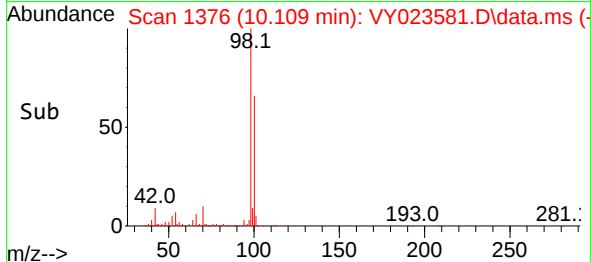
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 98 Resp: 194718
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

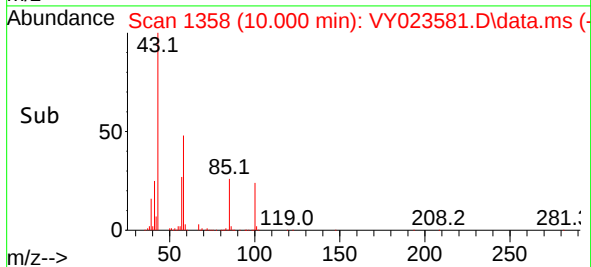
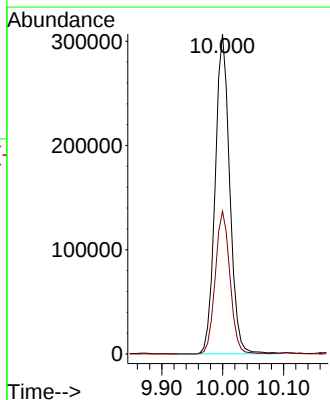
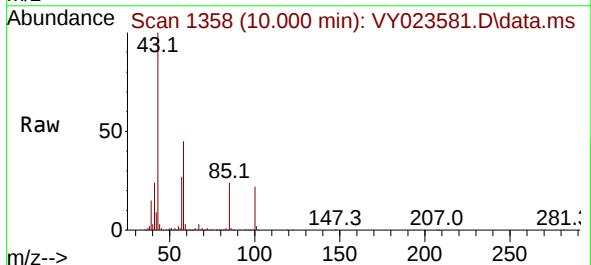
Manual Integrations
APPROVED

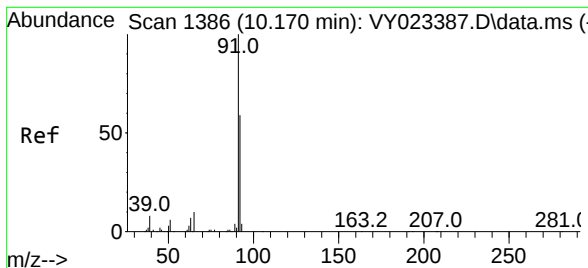
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#51
4-Methyl-2-Pentanone
Concen: 622.382 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 43 Resp: 507478
Ion Ratio Lower Upper
43 100
58 45.2 35.3 52.9





#52

Toluene

Concen: 51.053 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023581.D

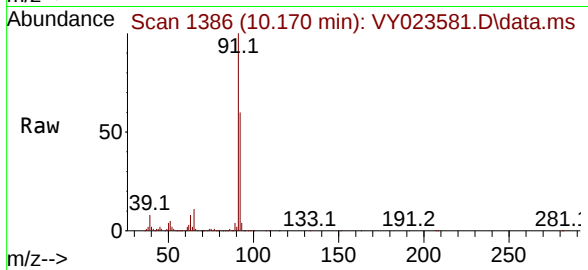
Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion: 92 Resp: 209710

Ion Ratio Lower Upper

92 100

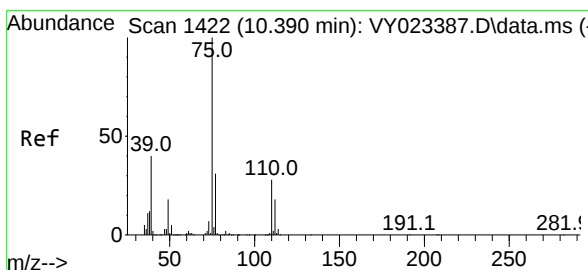
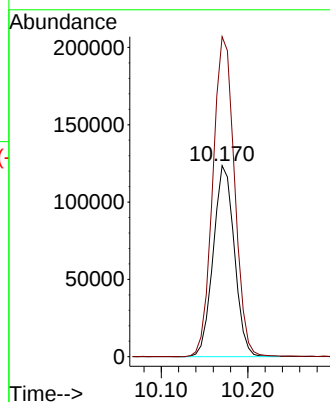
91 172.1 136.4 204.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#53

t-1,3-Dichloropropene

Concen: 21.275 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY023581.D

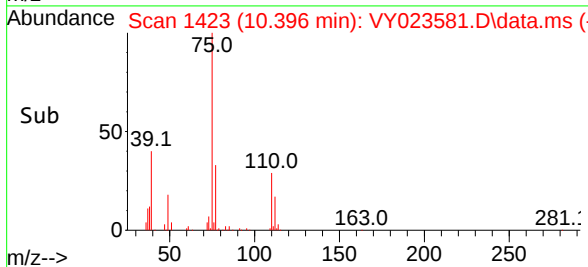
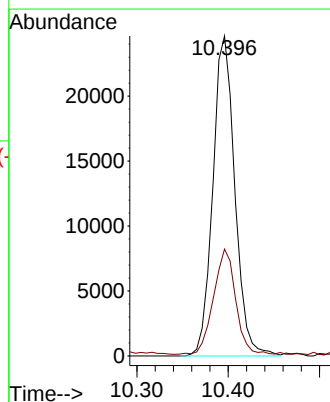
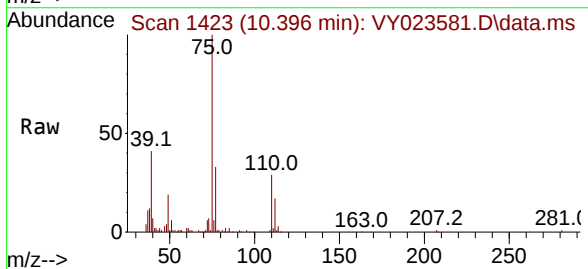
Acq: 24 Oct 2025 18:20

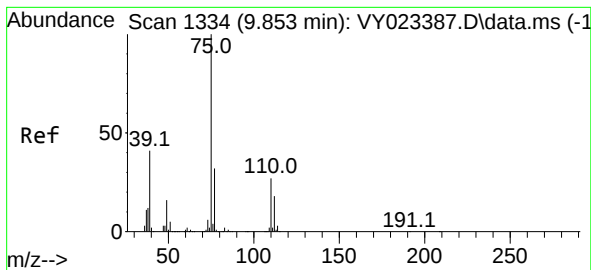
Tgt Ion: 75 Resp: 41168

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7





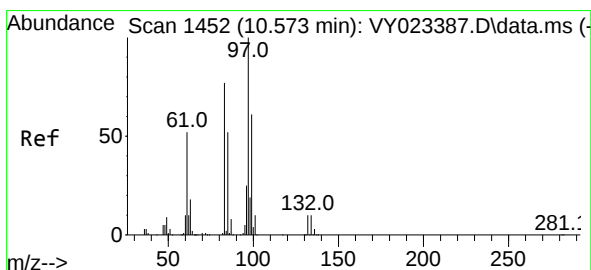
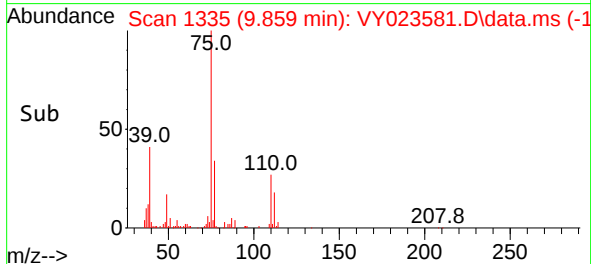
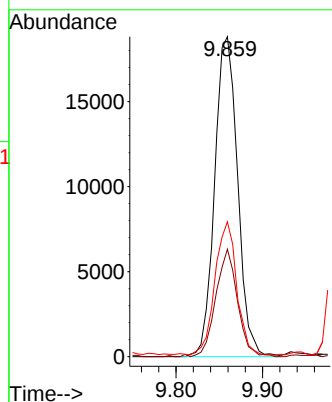
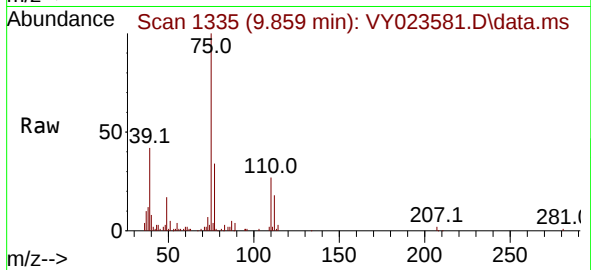
#54
cis-1,3-Dichloropropene
Concen: 15.175 ug/l
RT: 9.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion: 75 Resp: 34650
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0
39 41.4 32.8 49.2

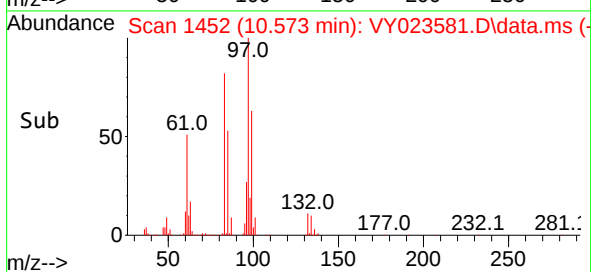
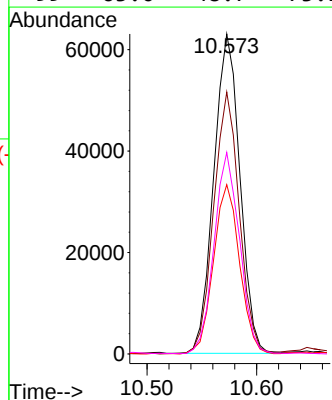
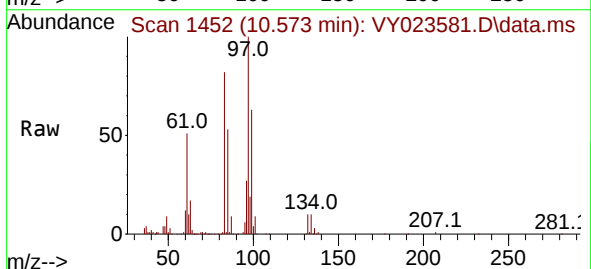
Manual Integrations
APPROVED

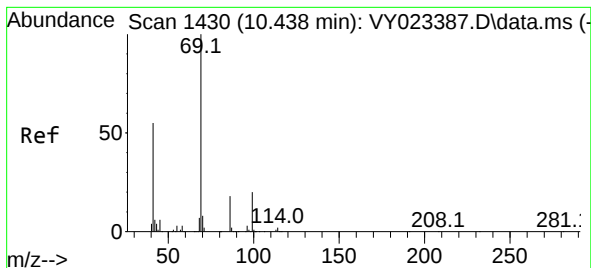
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#55
1,1,2-Trichloroethane
Concen: 87.853 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

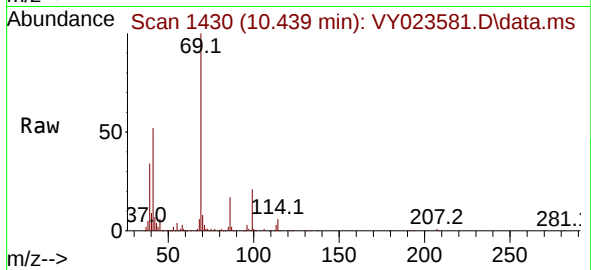
Tgt Ion: 97 Resp: 104391
Ion Ratio Lower Upper
97 100
83 81.8 61.8 92.6
85 53.0 41.3 61.9
99 63.0 48.7 73.1





#56
Ethyl methacrylate
Concen: 73.481 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

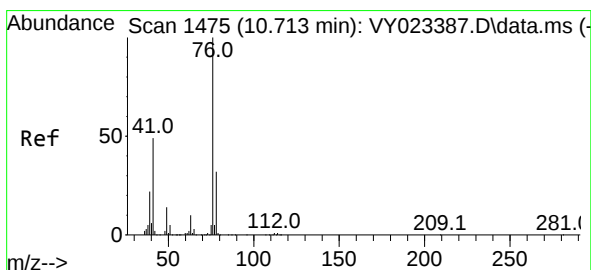
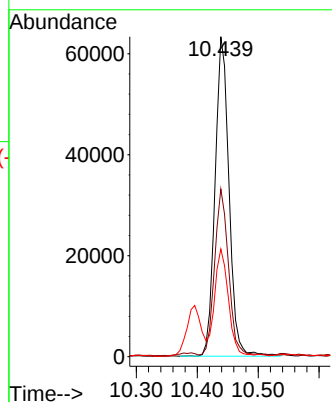
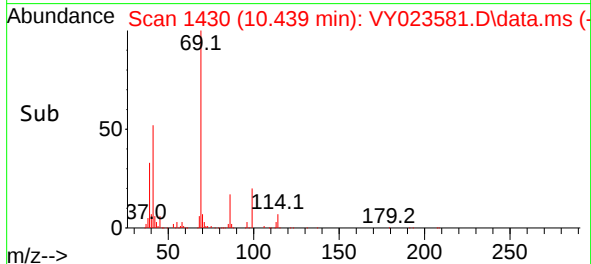
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion: 69 Resp: 100718
Ion Ratio Lower Upper
69 100
41 51.4 44.6 67.0
39 33.1 27.0 40.4

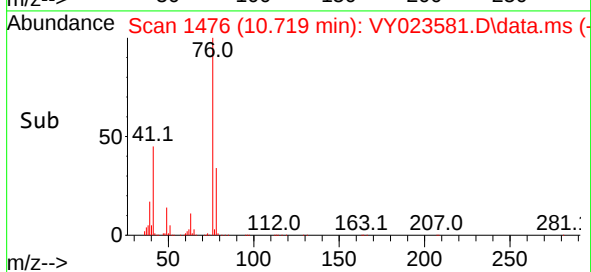
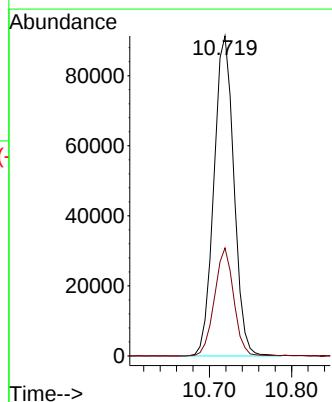
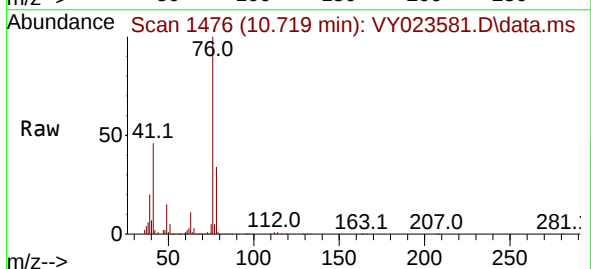
Manual Integrations
APPROVED

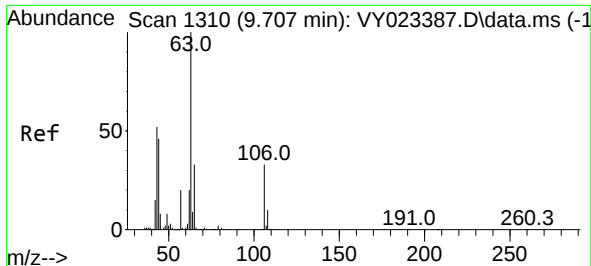
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#57
1,3-Dichloropropane
Concen: 81.916 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 76 Resp: 154240
Ion Ratio Lower Upper
76 100
78 32.7 25.9 38.9





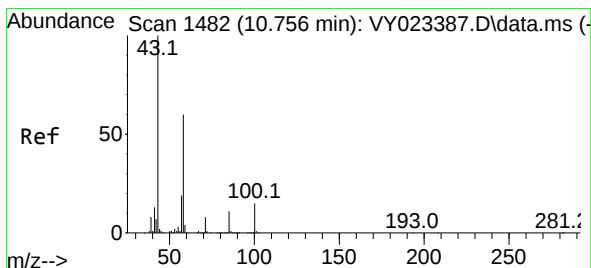
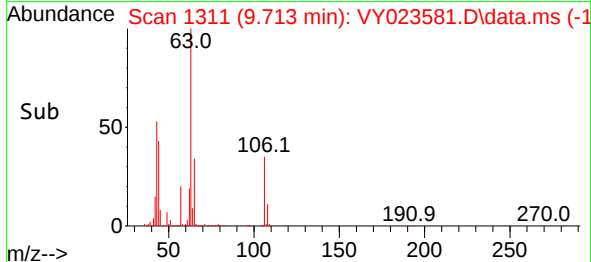
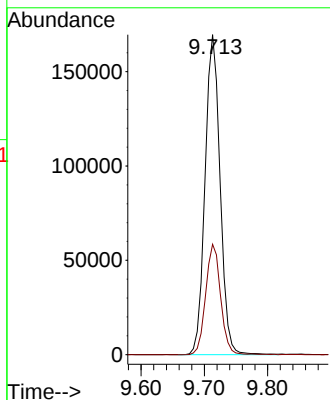
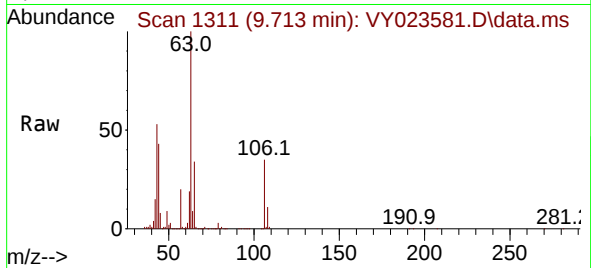
#58
2-Chloroethyl Vinyl ether
Concen: 457.679 ug/l
RT: 9.713 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion: 63 Resp: 281024
Ion Ratio Lower Upper
63 100
106 34.3 26.6 39.8

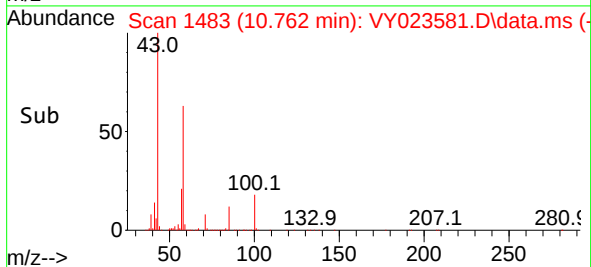
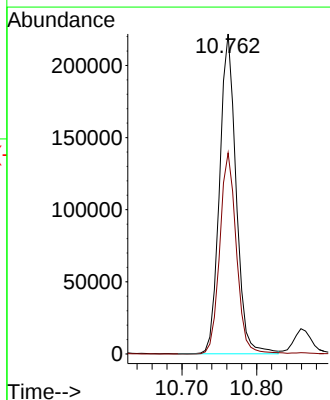
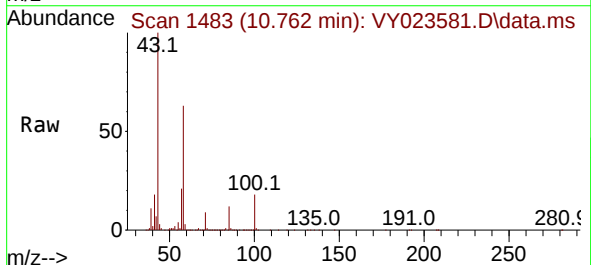
Manual Integrations
APPROVED

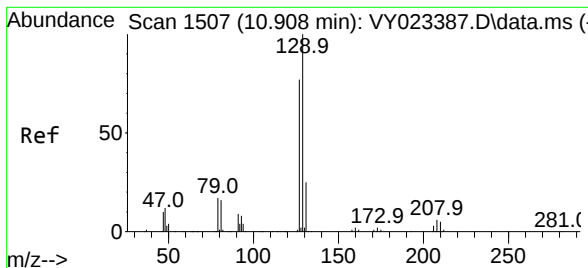
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#59
2-Hexanone
Concen: 586.729 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

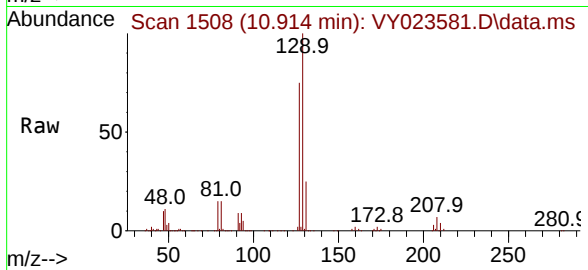
Tgt Ion: 43 Resp: 341891
Ion Ratio Lower Upper
43 100
58 63.0 30.5 91.5





#60
Dibromochloromethane
Concen: 68.530 ug/l
RT: 10.914 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

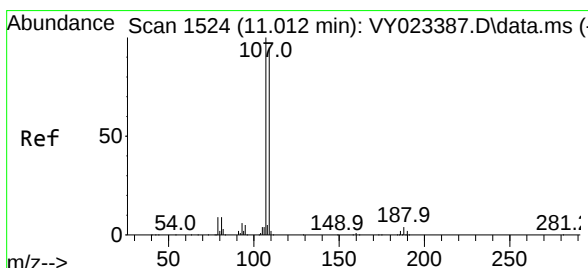
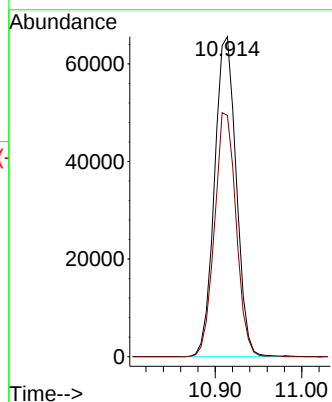
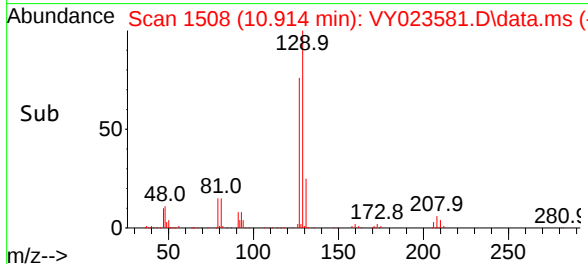
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



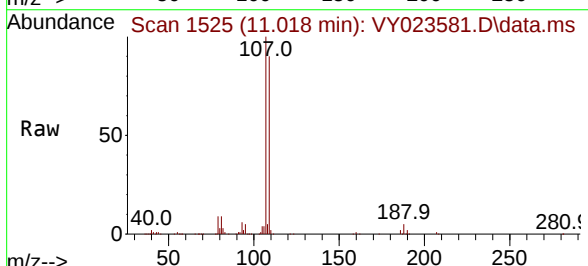
Tgt Ion:129 Resp: 11416
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

Manual Integrations
APPROVED

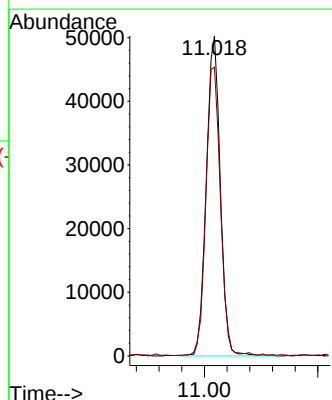
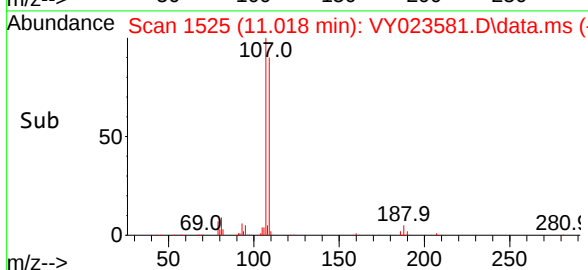
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

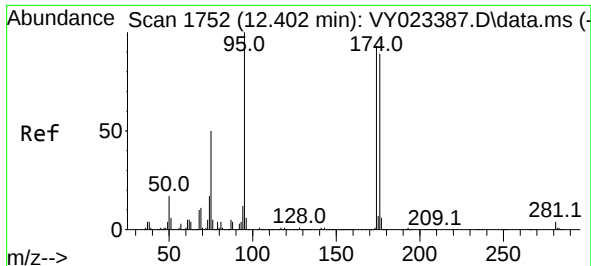


#61
1,2-Dibromoethane
Concen: 75.843 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



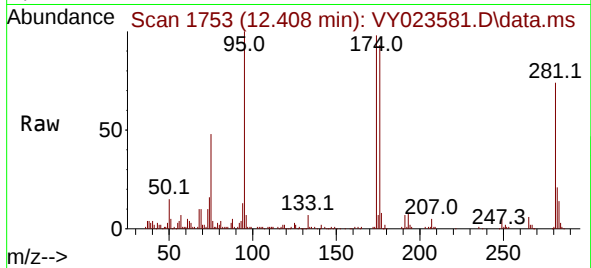
Tgt Ion:107 Resp: 85947
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1





#62
4-Bromofluorobenzene
Concen: 24.964 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

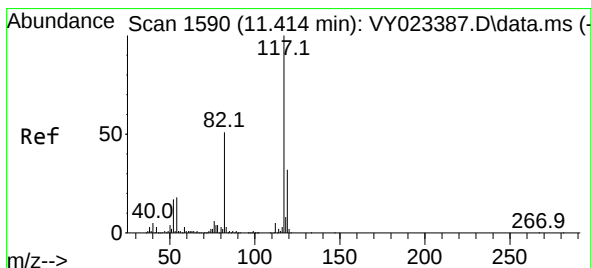
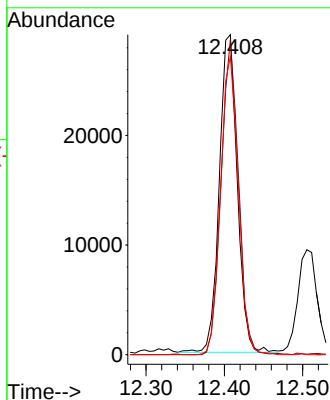
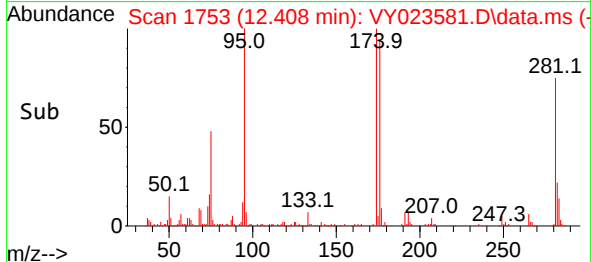
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



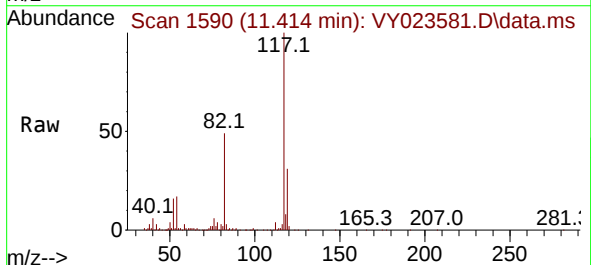
Tgt Ion: 95 Resp: 46310
Ion Ratio Lower Upper
95 100
174 95.9 0.0 192.8
176 93.0 0.0 187.6

Manual Integrations
APPROVED

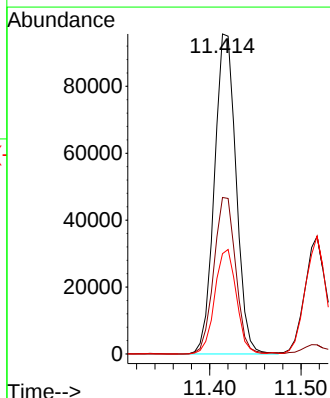
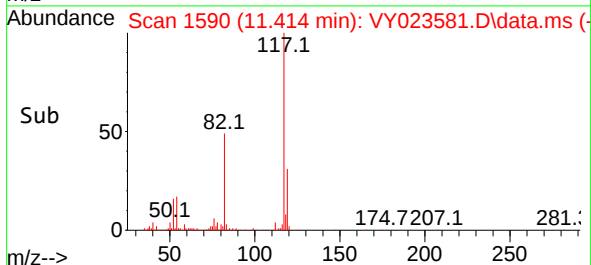
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

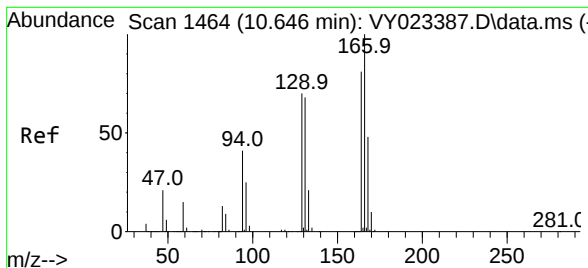


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



Tgt Ion:117 Resp: 157959
Ion Ratio Lower Upper
117 100
82 48.9 41.0 61.4
119 31.3 25.6 38.4





#64

Tetrachloroethene

Concen: 54.095 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023581.D

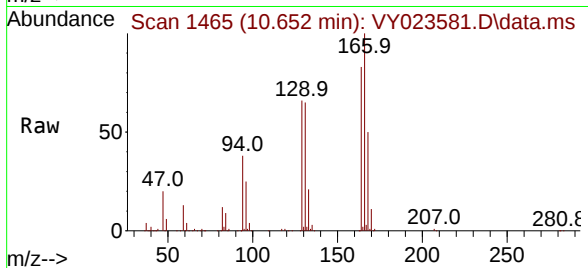
Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:164 Resp: 88229

Ion Ratio Lower Upper

164 100

166 120.2 99.4 149.0

129 79.9 69.4 104.2

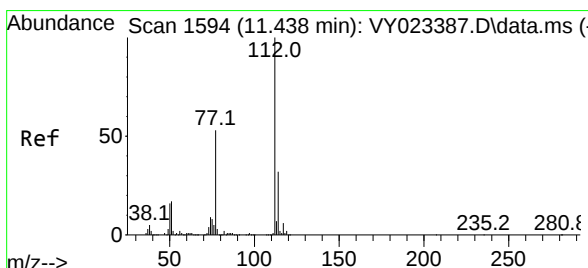
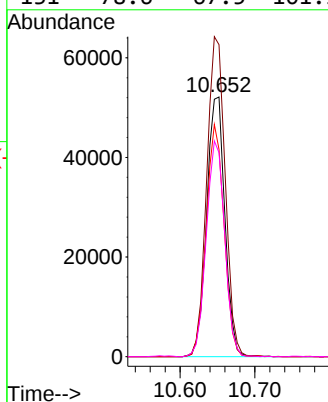
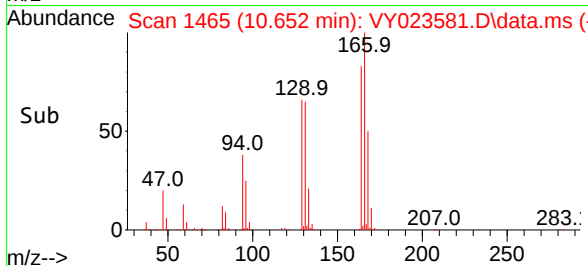
131 78.6 67.5 101.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#65

Chlorobenzene

Concen: 55.686 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023581.D

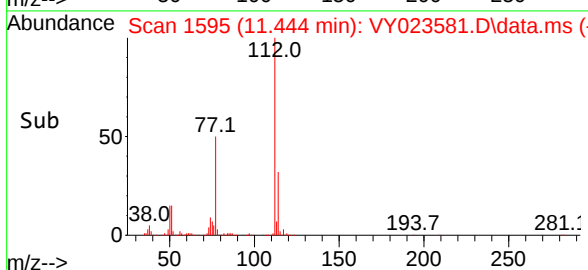
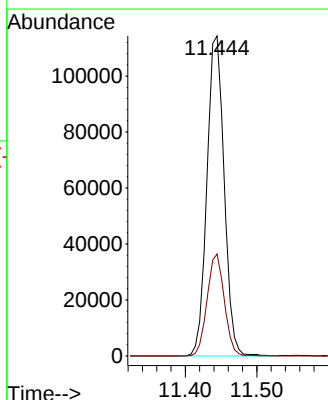
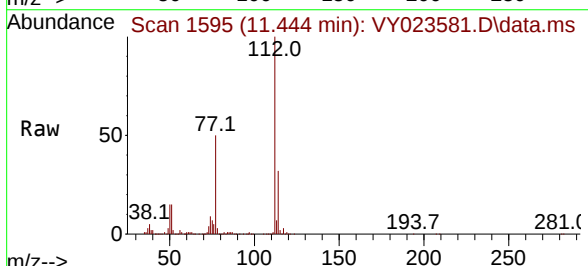
Acq: 24 Oct 2025 18:20

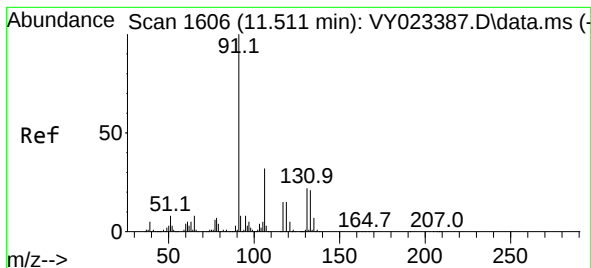
Tgt Ion:112 Resp: 191312

Ion Ratio Lower Upper

112 100

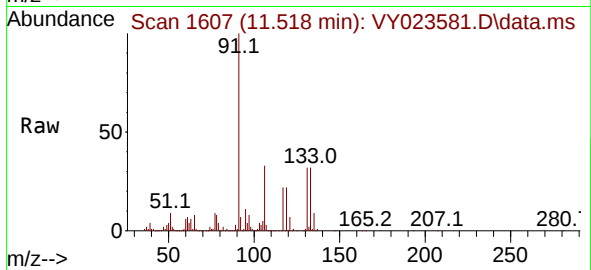
114 31.9 25.6 38.4





#66
1,1,1,2-Tetrachloroethane
Concen: 68.207 ug/l
RT: 11.518 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

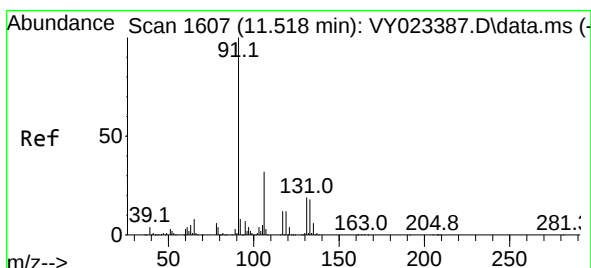
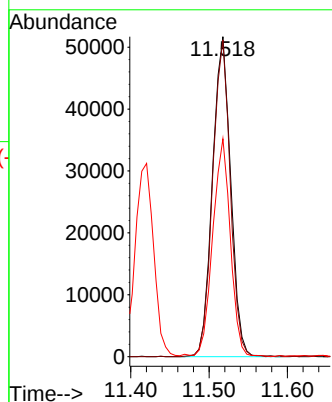
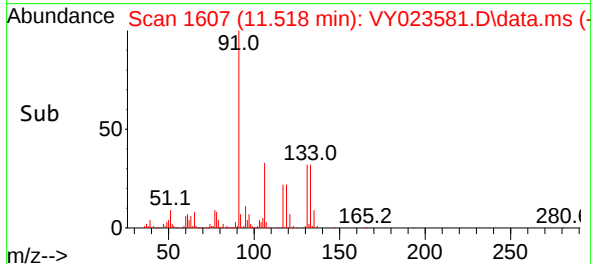
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion:131 Resp: 83504
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.2
119 66.2 32.4 97.2

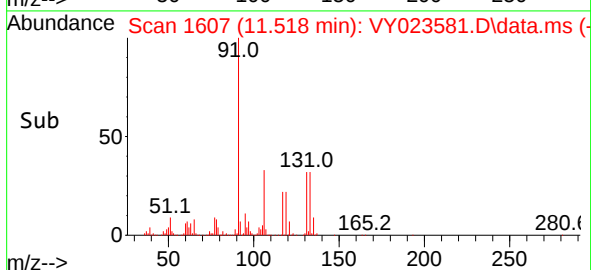
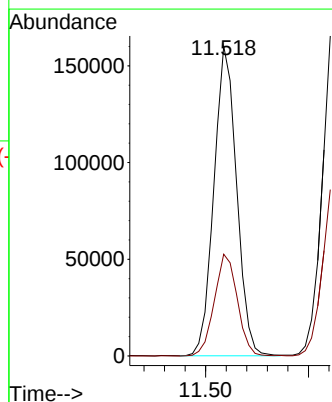
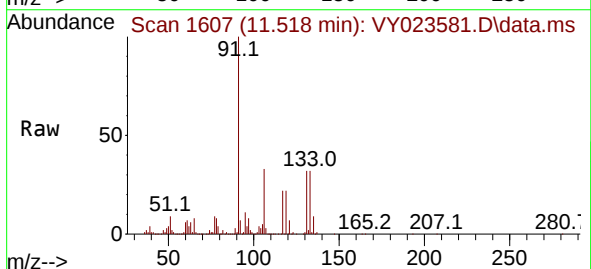
Manual Integrations
APPROVED

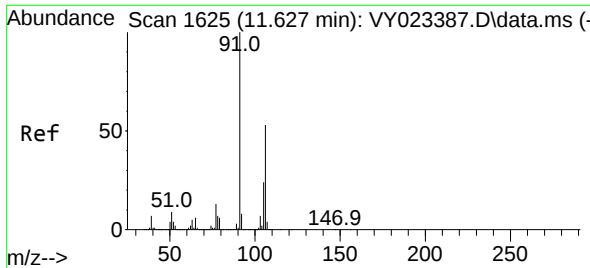
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#67
Ethyl Benzene
Concen: 44.150 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

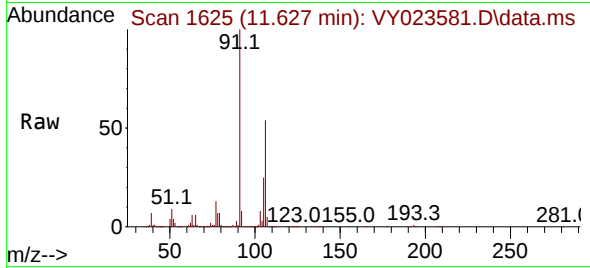
Tgt Ion: 91 Resp: 245521
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8





#68
m/p-Xylenes
Concen: 85.258 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

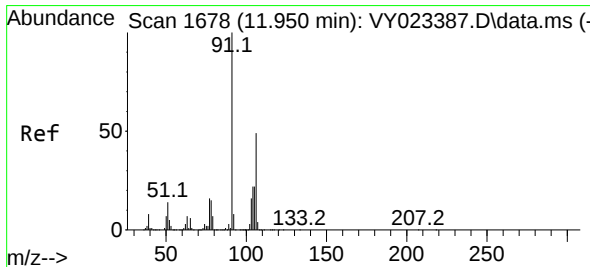
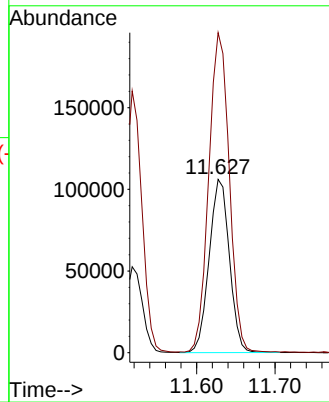
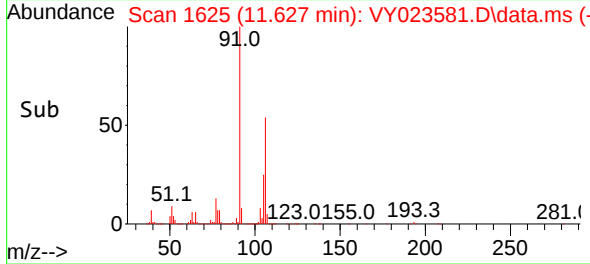
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



Tgt Ion:106 Resp: 19017
Ion Ratio Lower Upper
106 100
91 187.4 152.6 229.0

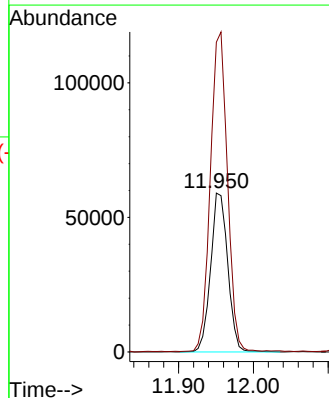
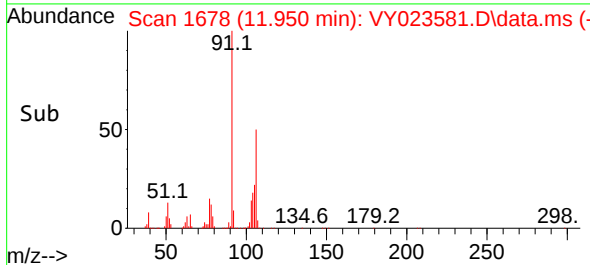
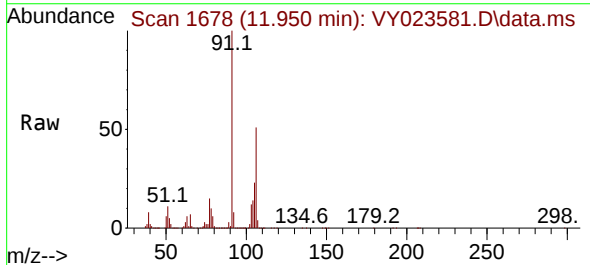
Manual Integrations
APPROVED

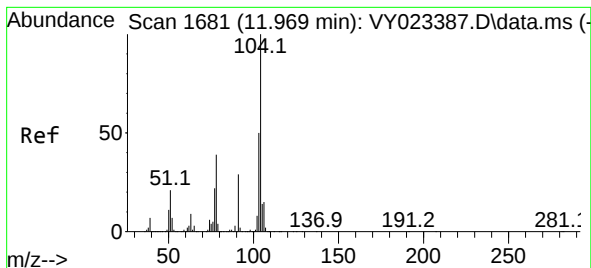
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#69
o-Xylene
Concen: 44.916 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion:106 Resp: 93972
Ion Ratio Lower Upper
106 100
91 199.7 101.4 304.1





#70

Styrene

Concen: 35.922 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023581.D

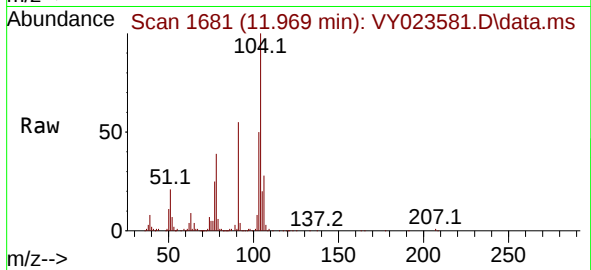
Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD



Tgt Ion:104 Resp: 12359

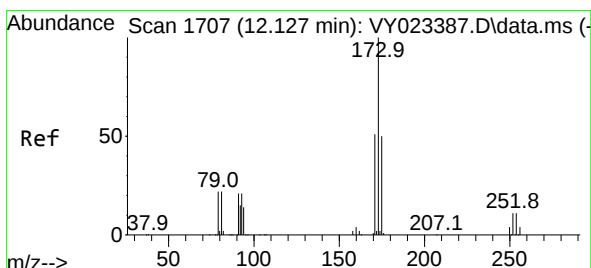
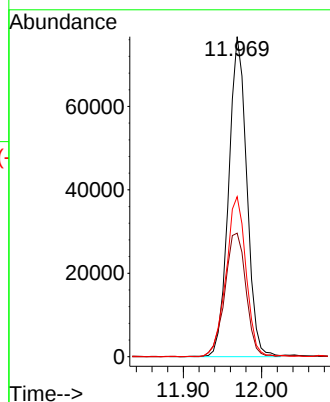
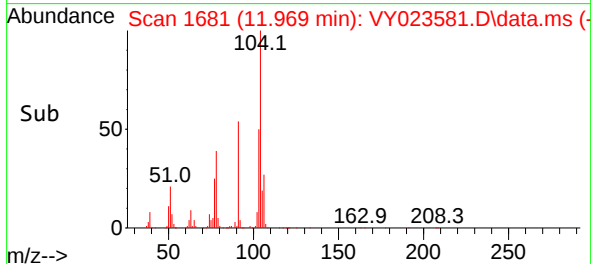
Ion	Ratio	Lower	Upper
104	100		
78	45.2	36.1	54.1
103	55.2	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#71

Bromoform

Concen: 91.897 ug/l

RT: 12.133 min Scan# 1708

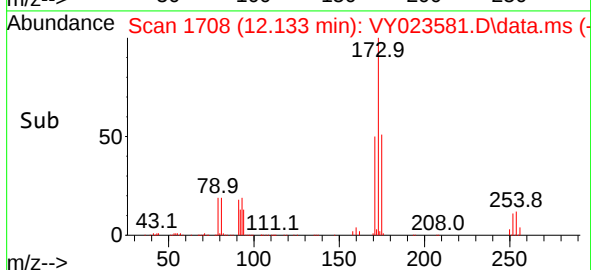
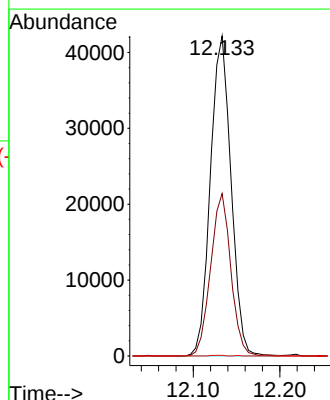
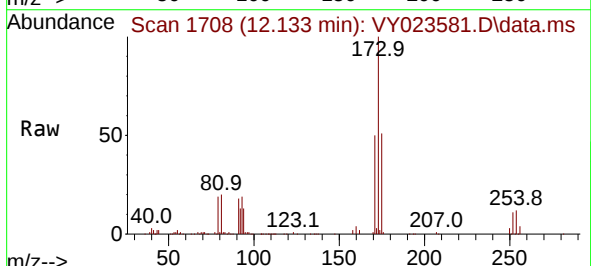
Delta R.T. 0.006 min

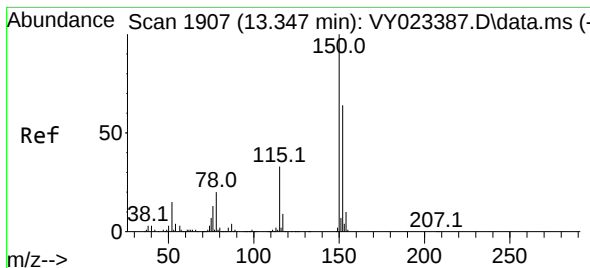
Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Tgt Ion:173 Resp: 69787

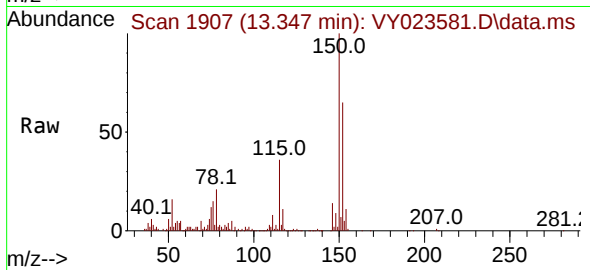
Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.8	74.3
254	0.1	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

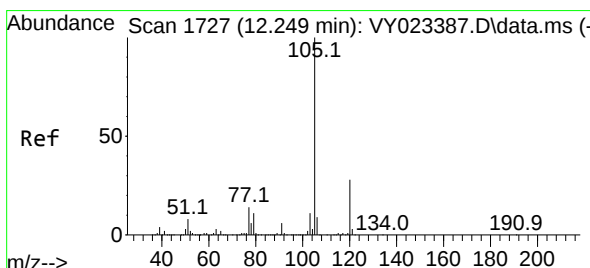
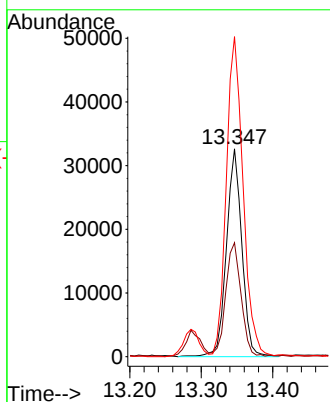
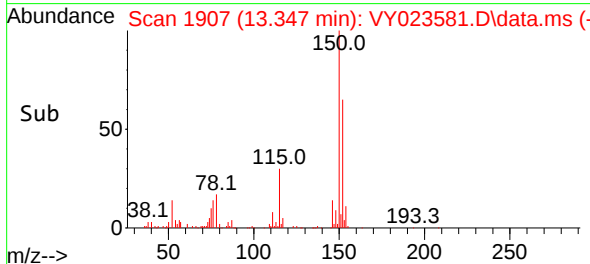
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



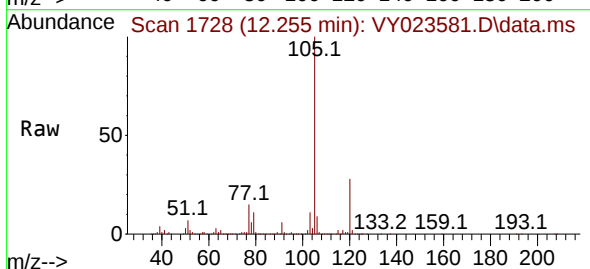
Tgt Ion:152 Resp: 48940
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.2
150 166.0 0.0 347.4

Manual Integrations
APPROVED

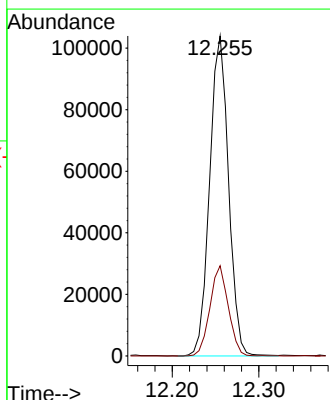
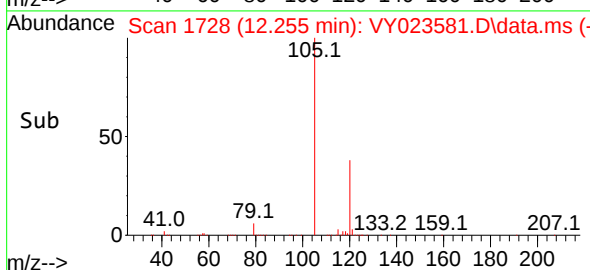
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

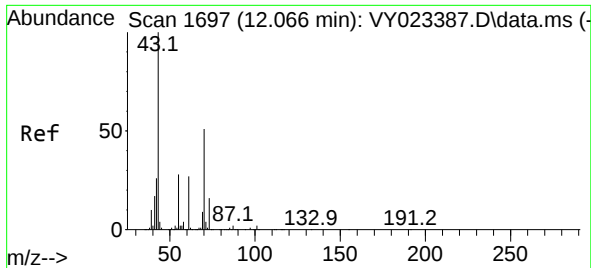


#73
Isopropylbenzene
Concen: 48.860 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



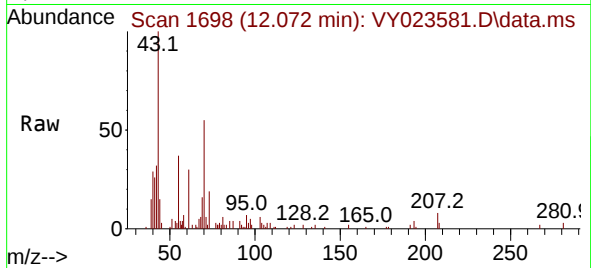
Tgt Ion:105 Resp: 157585
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.7





#74
N-amy1 acetate
Concen: 14.569 ug/l
RT: 12.072 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

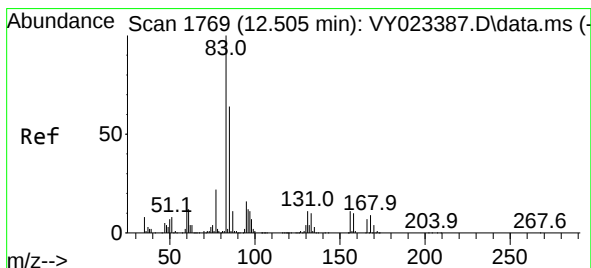
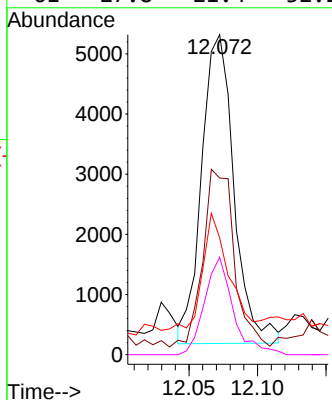
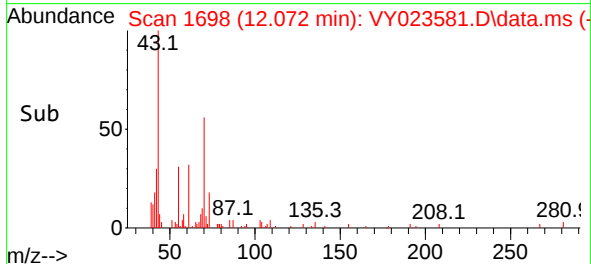


Tgt Ion: 43 Resp: 8440

Ion	Ratio	Lower	Upper
43	100		
70	58.8	41.1	61.7
55	29.5	23.0	34.6
61	27.8	21.4	32.2

Manual Integrations
APPROVED

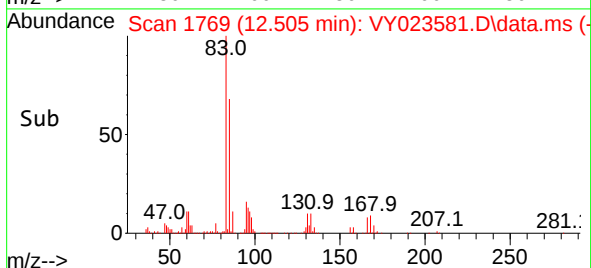
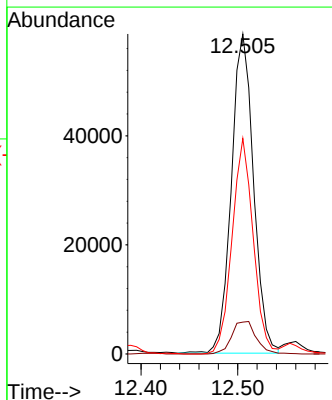
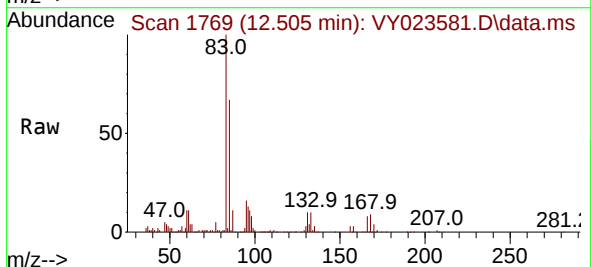
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

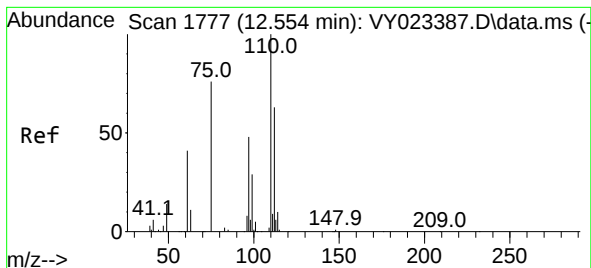


#75
1,1,2,2-Tetrachloroethane
Concen: 176.607 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 83 Resp: 93161

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.9	17.6
85	64.5	31.8	95.3





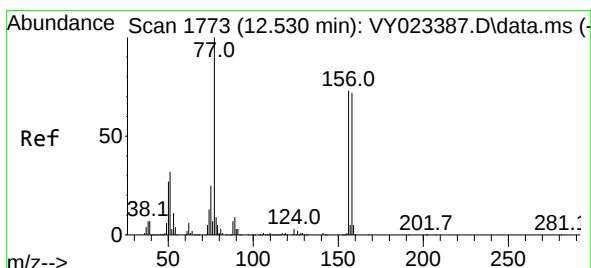
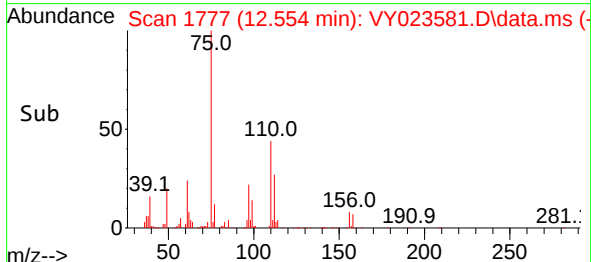
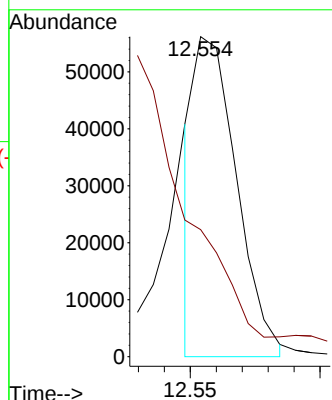
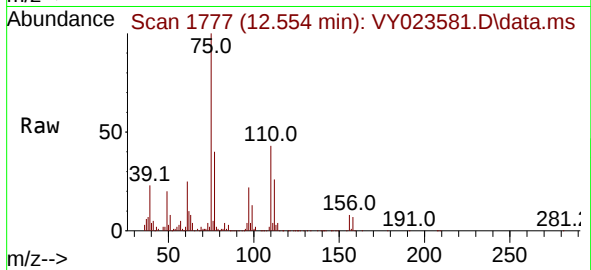
#76
1,2,3-Trichloropropane
Concen: 146.778 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD

Tgt Ion: 75 Resp: 63370
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

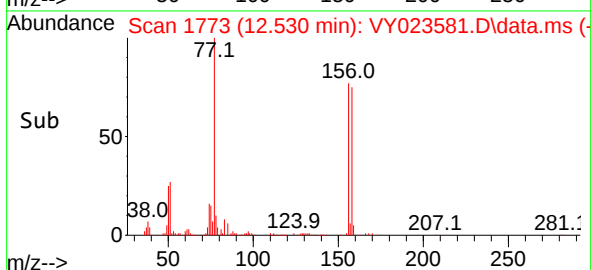
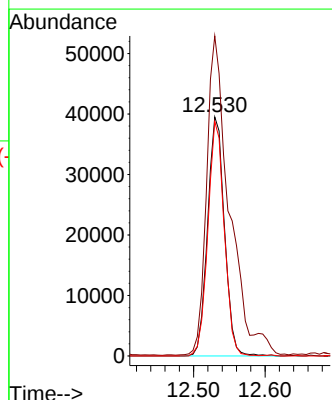
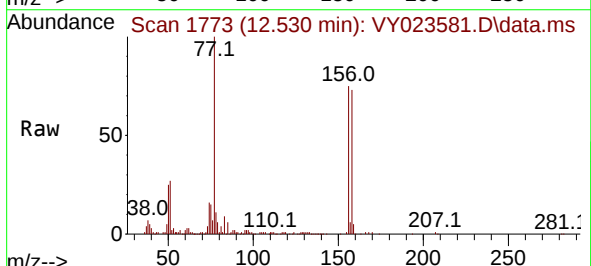
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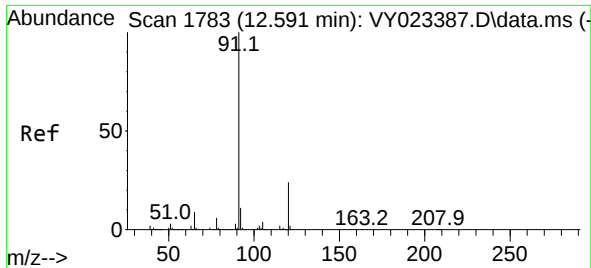
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#77
Bromobenzene
Concen: 75.567 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

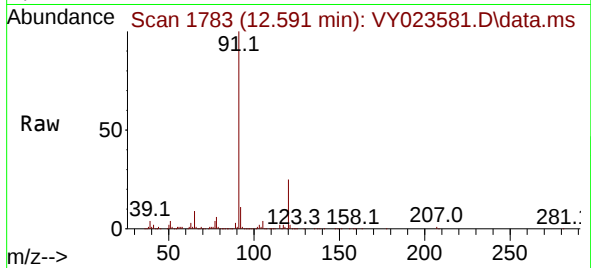
Tgt Ion:156 Resp: 64793
Ion Ratio Lower Upper
156 100
77 180.1 76.8 230.5
158 95.2 49.0 147.2





#78
n-propylbenzene
Concen: 38.103 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

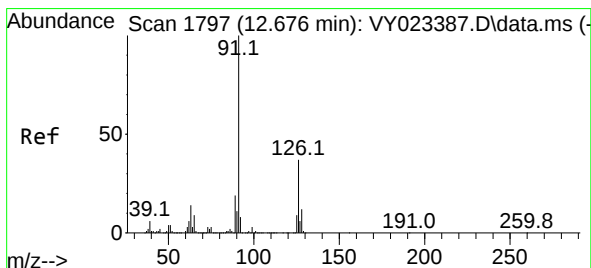
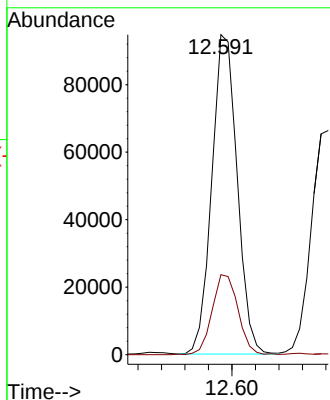
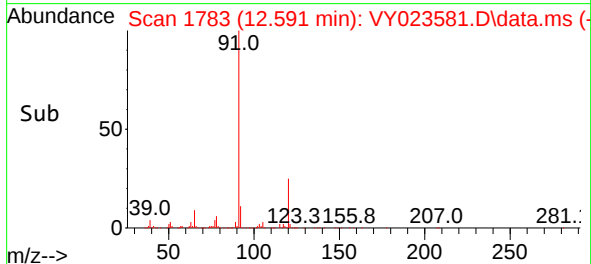
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



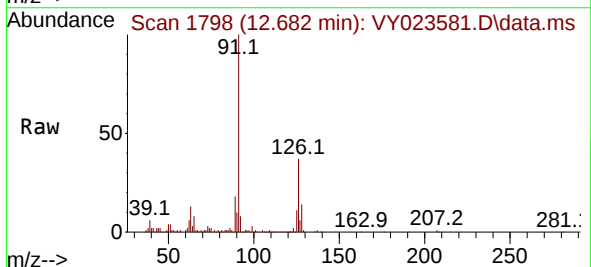
Tgt Ion: 91 Resp: 14221
Ion Ratio Lower Upper
91 100
120 25.5 12.3 36.8

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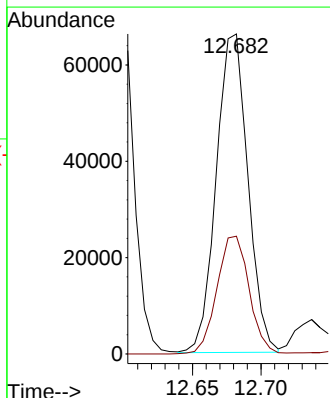
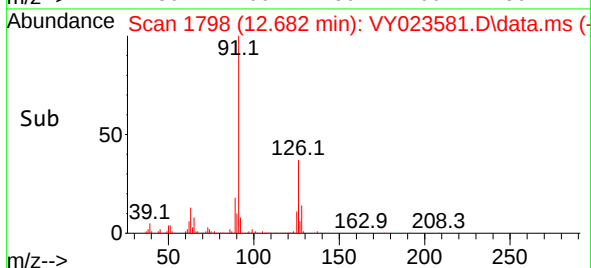
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

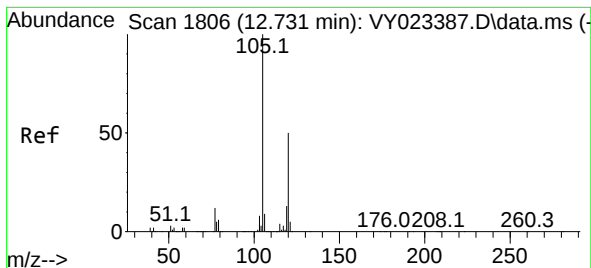


#79
2-Chlorotoluene
Concen: 48.594 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



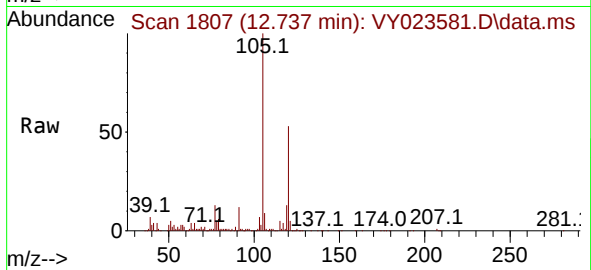
Tgt Ion: 91 Resp: 106207
Ion Ratio Lower Upper
91 100
126 37.7 18.5 55.5





#80
 1,3,5-Trimethylbenzene
 Concen: 35.552 ug/l
 RT: 12.737 min Scan# 1806
 Delta R.T. 0.006 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20

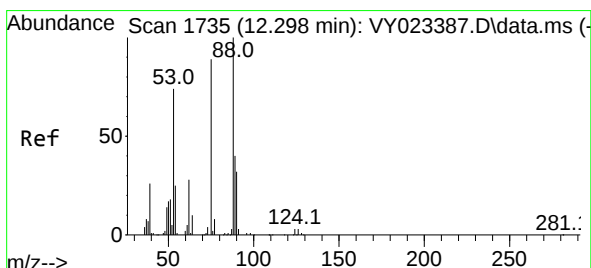
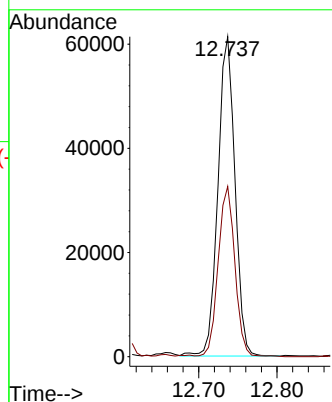
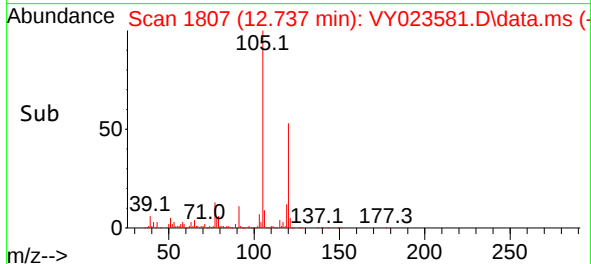
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion:105 Resp: 92650
 Ion Ratio Lower Upper
 105 100
 120 52.5 25.4 76.4

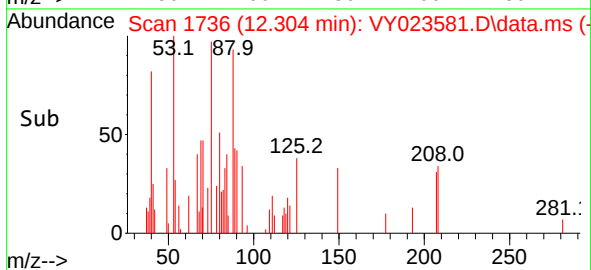
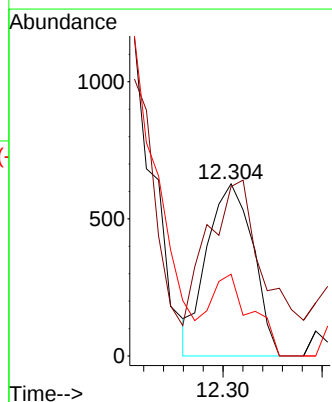
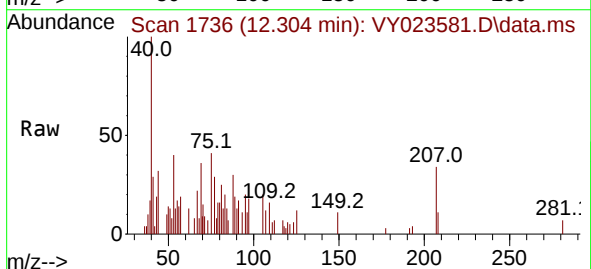
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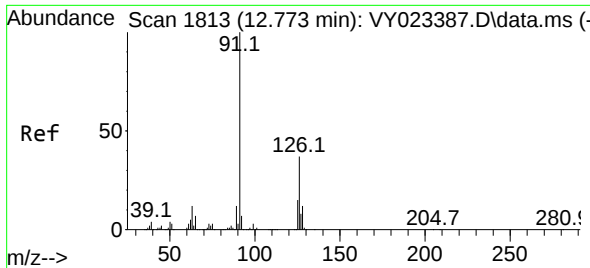
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.759 ug/l m
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.006 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20

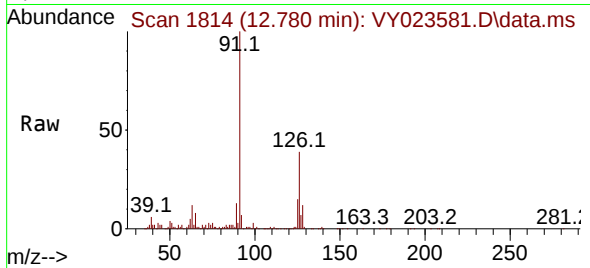
Tgt Ion: 75 Resp: 1014
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 31.5 39.0 58.4#





#82
4-Chlorotoluene
Concen: 46.556 ug/l
RT: 12.780 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

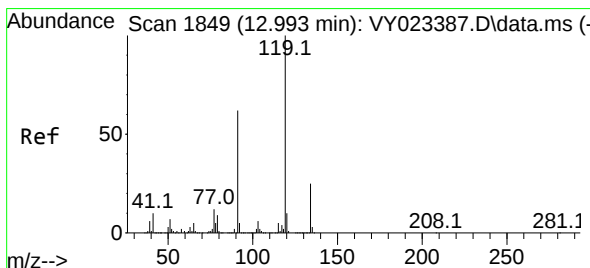
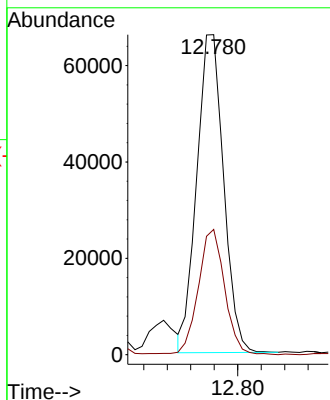
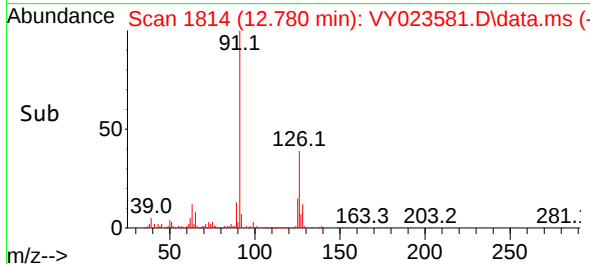
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MSD



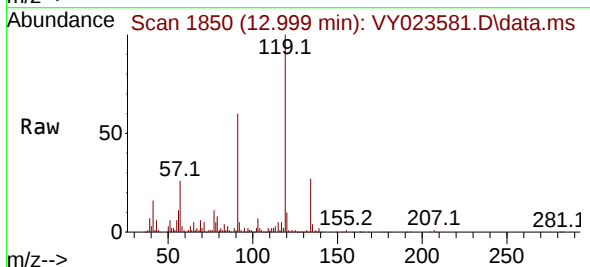
Tgt Ion: 91 Resp: 104792
Ion Ratio Lower Upper
91 100
126 38.8 18.4 55.4

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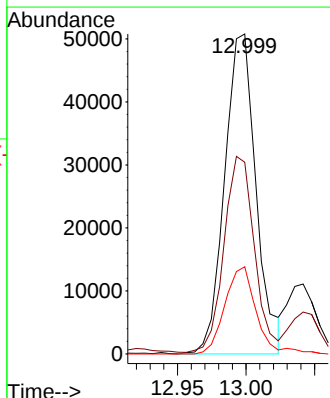
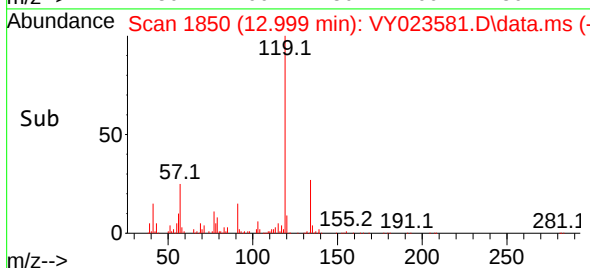
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

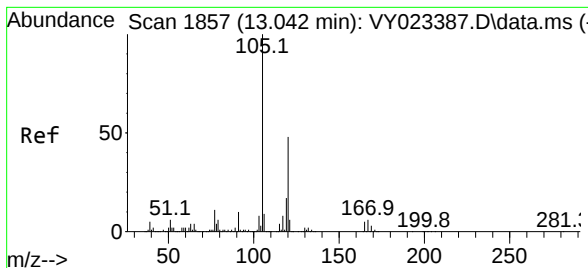


#83
tert-Butylbenzene
Concen: 33.655 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20



Tgt Ion:119 Resp: 80984
Ion Ratio Lower Upper
119 100
91 58.9 29.9 89.8
134 27.3 12.9 38.7





#84

1,2,4-Trimethylbenzene

Concen: 38.273 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

Tgt Ion:105 Resp: 9954

Ion Ratio Lower Upper

105 100

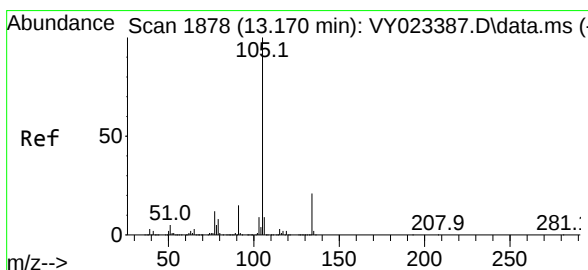
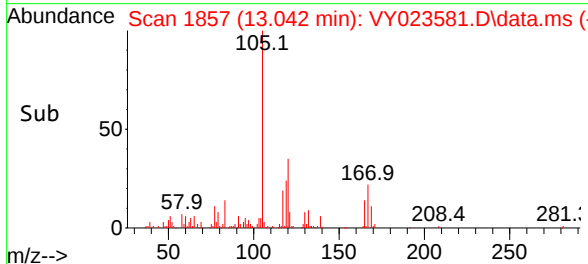
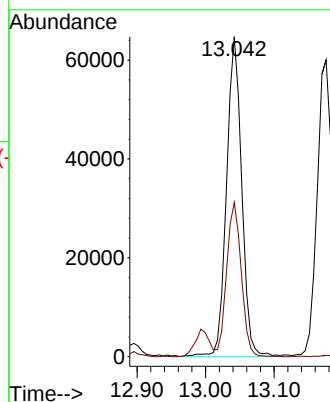
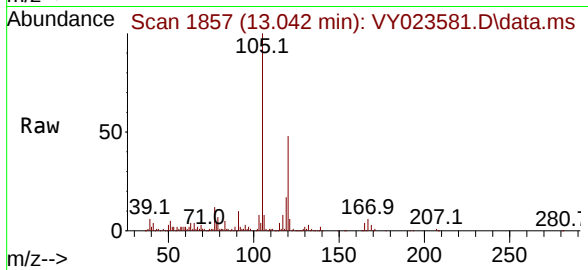
120 46.5 23.8 71.2

Manual Integrations

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Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#85

sec-Butylbenzene

Concen: 26.418 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023581.D

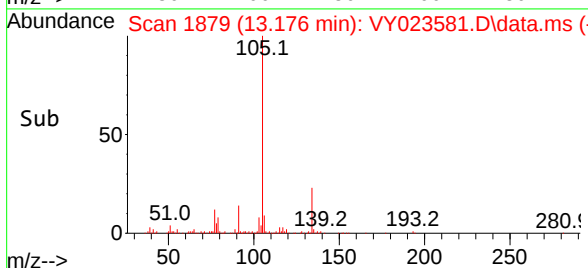
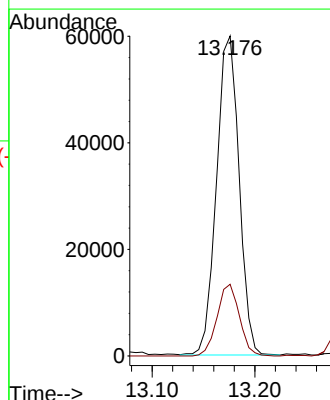
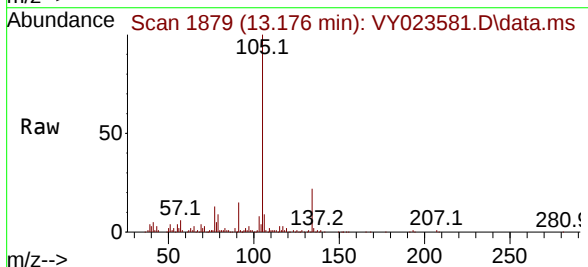
Acq: 24 Oct 2025 18:20

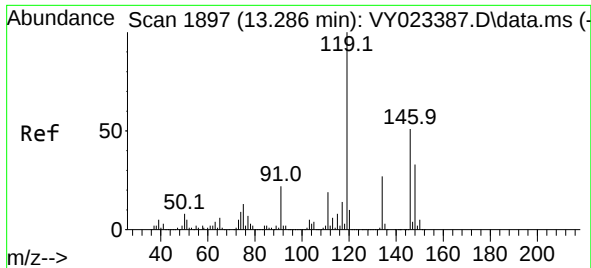
Tgt Ion:105 Resp: 91190

Ion Ratio Lower Upper

105 100

134 22.2 10.7 32.1





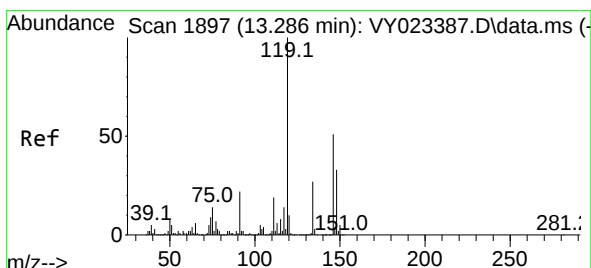
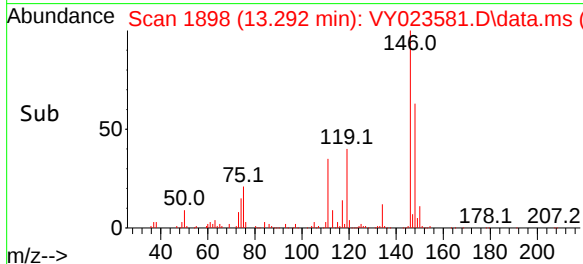
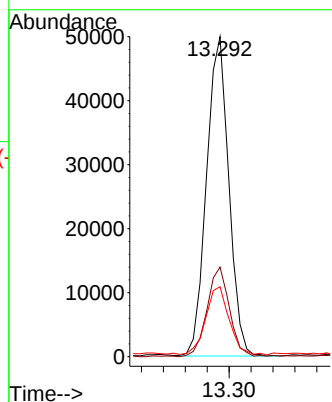
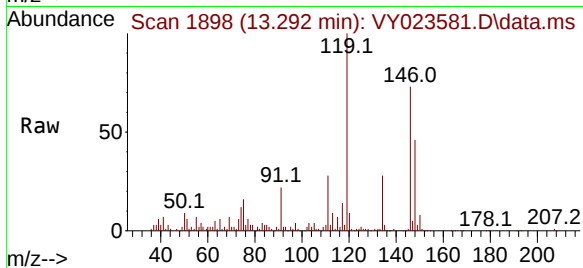
#86
p-Isopropyltoluene
Concen: 23.974 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

Tgt Ion:119 Resp: 70459
Ion Ratio Lower Upper
119 100
134 28.4 13.6 40.7
91 22.3 10.9 32.9

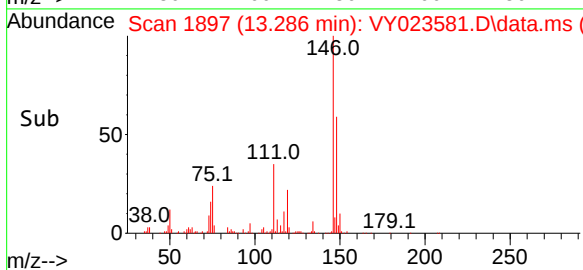
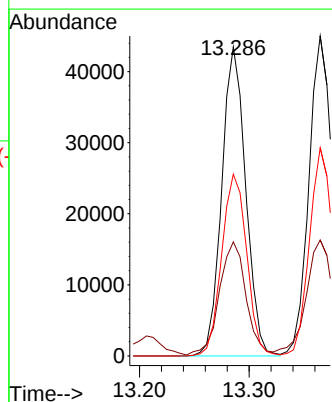
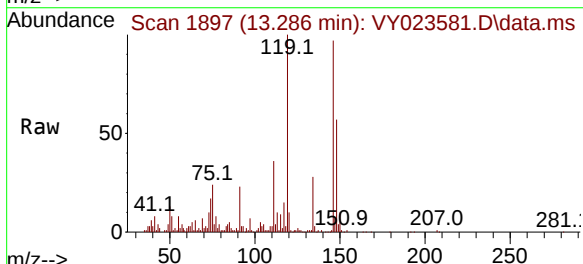
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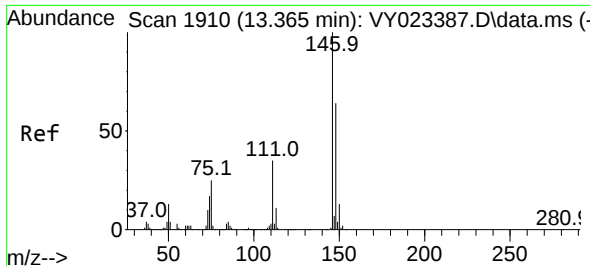
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#87
1,3-Dichlorobenzene
Concen: 39.603 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

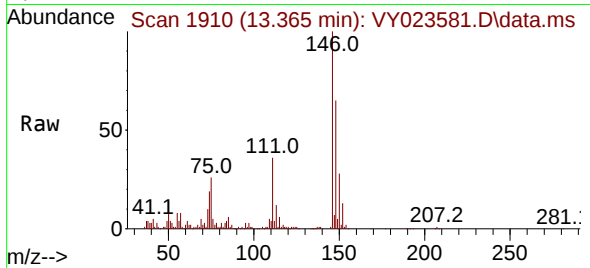
Tgt Ion:146 Resp: 66124
Ion Ratio Lower Upper
146 100
111 40.4 18.7 56.1
148 61.4 31.9 95.9





#88
1,4-Dichlorobenzene
Concen: 41.511 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

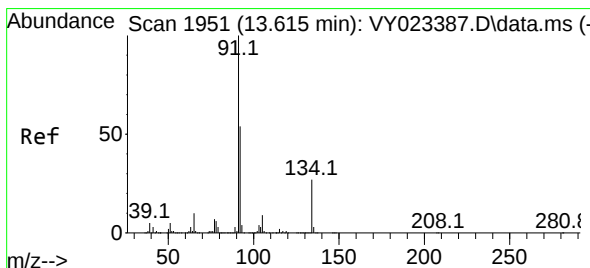
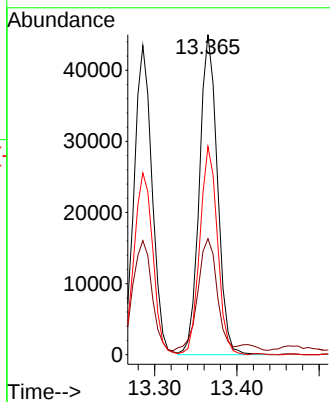
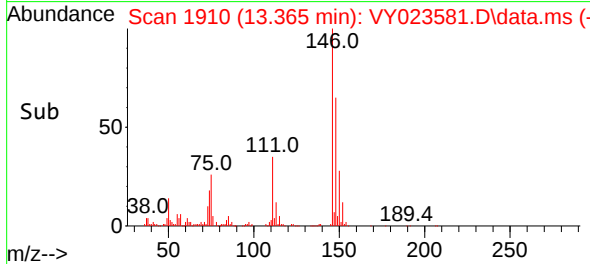
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD



Tgt Ion:146 Resp: 6845
Ion Ratio Lower Upper
146 100
111 37.6 18.0 54.0
148 63.6 31.9 95.7

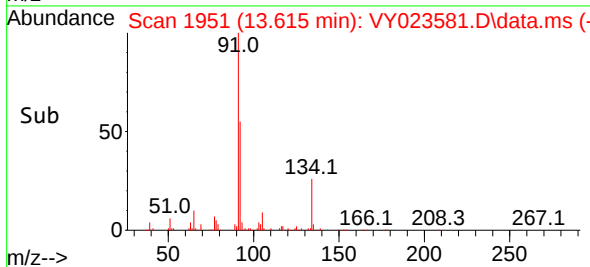
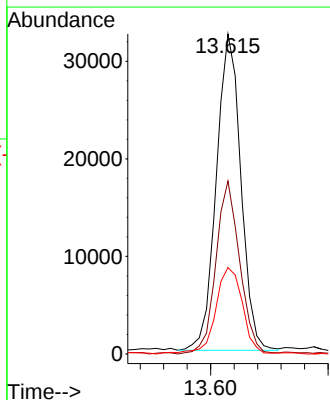
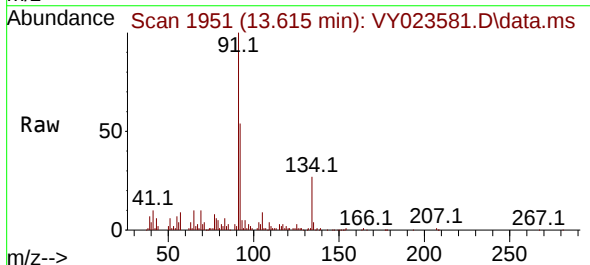
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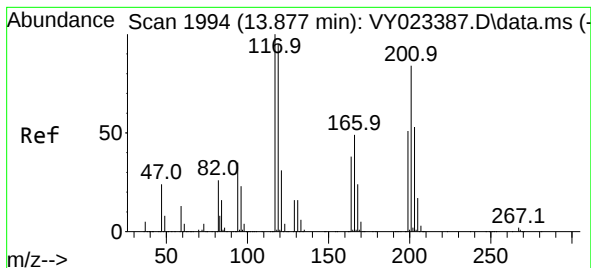
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#89
n-Butylbenzene
Concen: 18.354 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Tgt Ion: 91 Resp: 47002
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 29.9 14.1 42.2





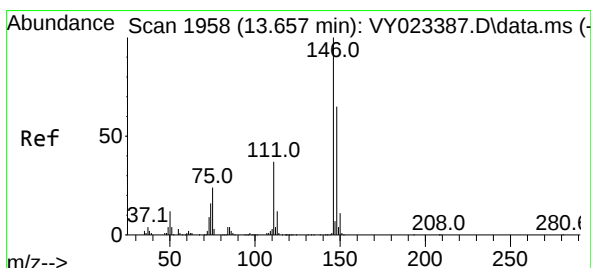
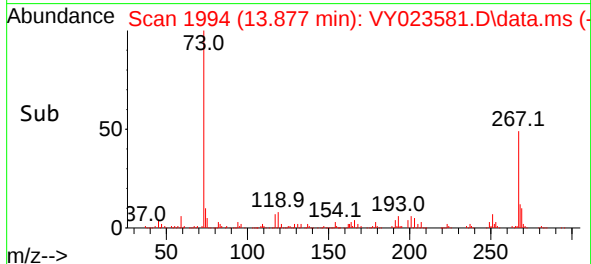
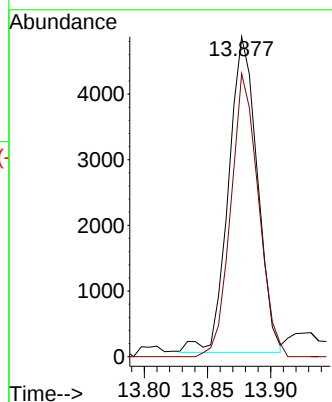
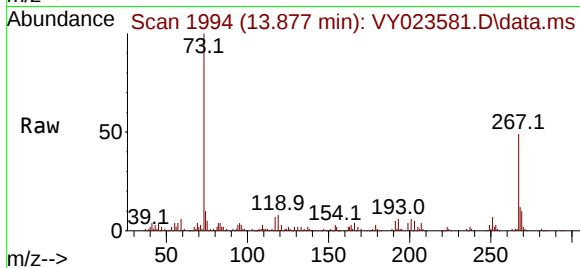
#90
Hexachloroethane
Concen: 12.077 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MSD

Tgt Ion:117 Resp: 7634
Ion Ratio Lower Upper
117 100
201 85.9 43.8 131.4

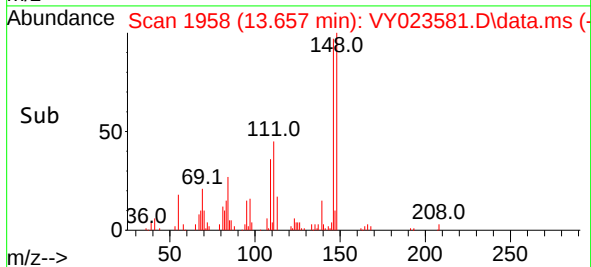
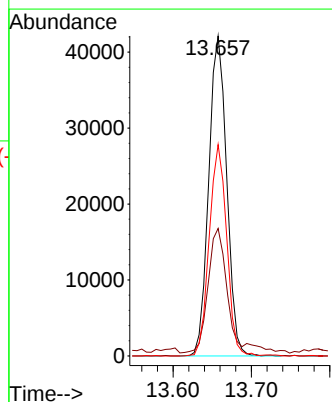
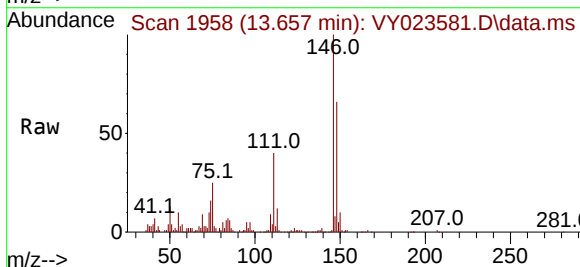
Manual Integrations
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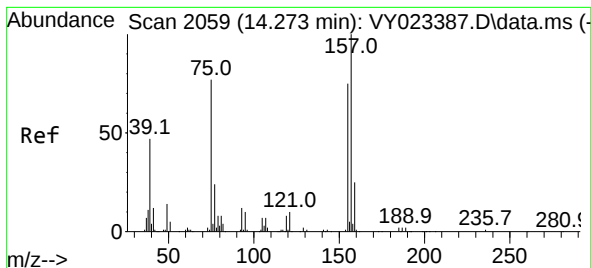
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#91
1,2-Dichlorobenzene
Concen: 45.784 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023581.D
Acq: 24 Oct 2025 18:20

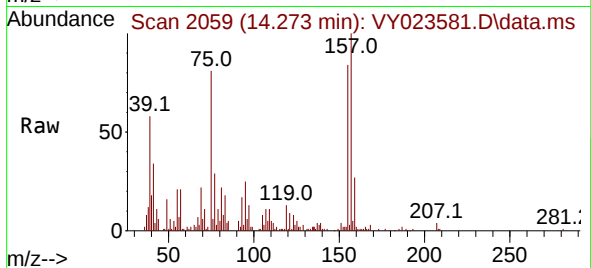
Tgt Ion:146 Resp: 67020
Ion Ratio Lower Upper
146 100
111 43.4 19.0 57.0
148 64.1 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.821 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20

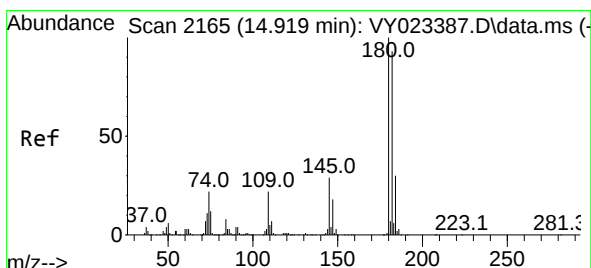
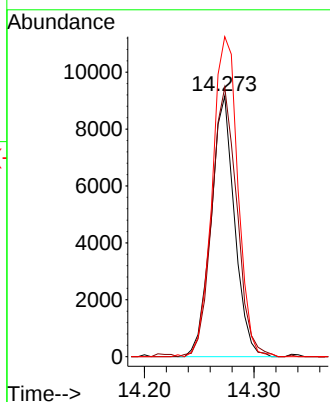
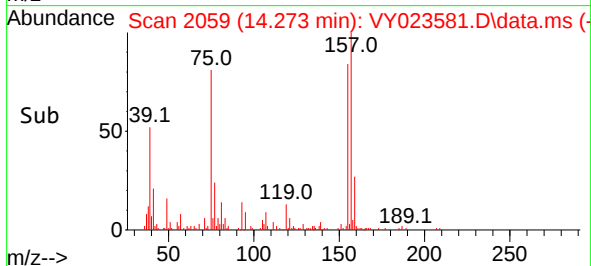
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MSD



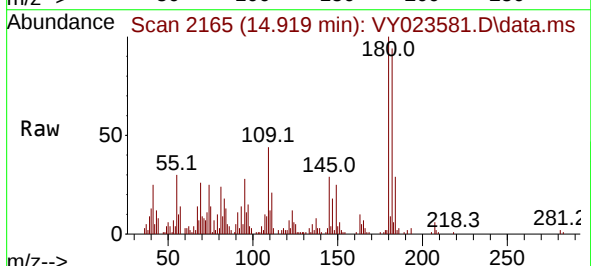
Tgt Ion: 75 Resp: 13660
 Ion Ratio Lower Upper
 75 100
 155 109.8 50.0 150.0
 157 133.4 63.8 191.5

Manual Integrations
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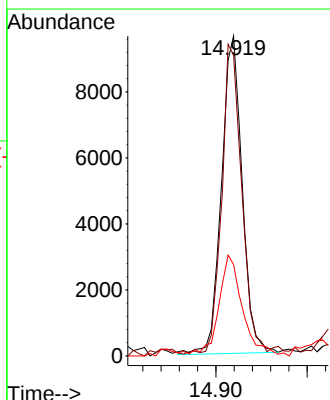
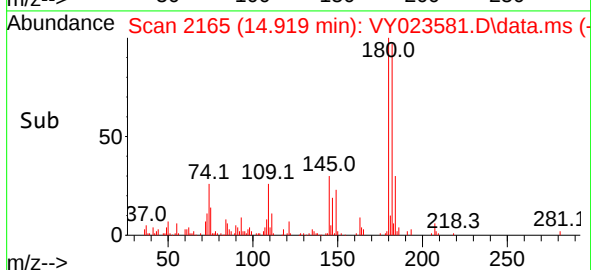
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

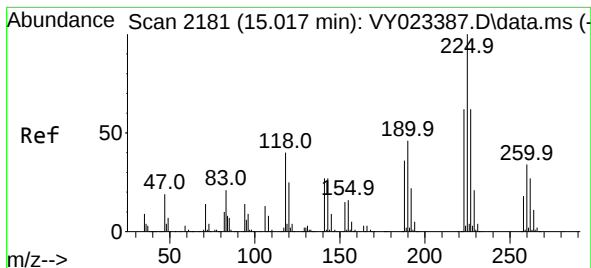


#93
 1,2,4-Trichlorobenzene
 Concen: 16.597 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20



Tgt Ion:180 Resp: 15146
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.6
 145 35.7 14.7 44.1





#94

Hexachlorobutadiene

Concen: 9.860 ug/l

RT: 15.023 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MSD

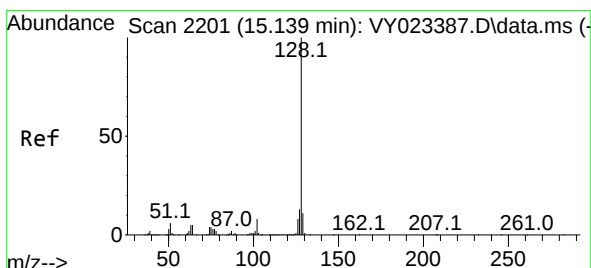
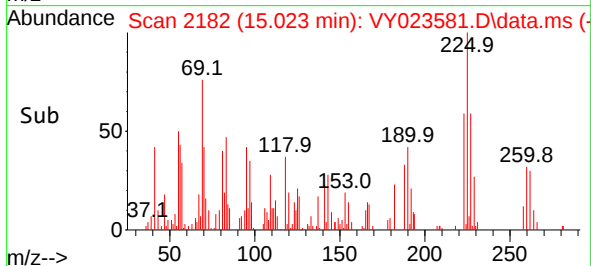
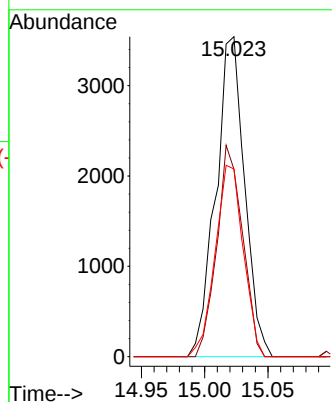
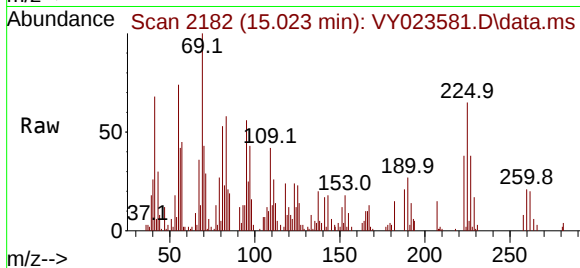
Tgt Ion:	225	Resp:	5609
Ion Ratio	Lower	Upper	
225	100		
223	59.1	30.8	92.3
227	58.4	31.9	95.7

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2025



#95

Naphthalene

Concen: 46.903 ug/l

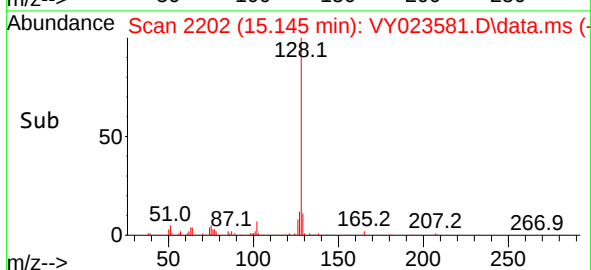
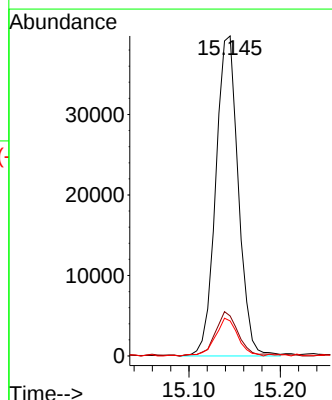
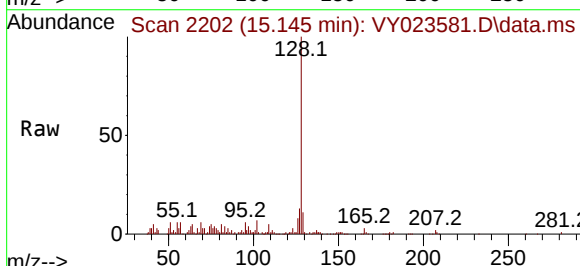
RT: 15.145 min Scan# 2202

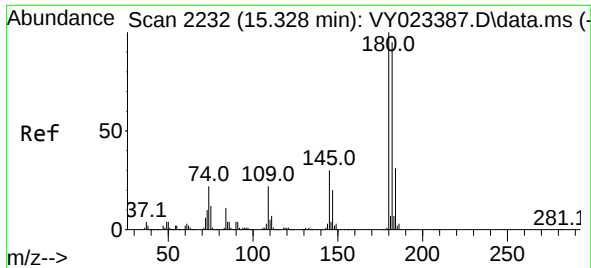
Delta R.T. 0.006 min

Lab File: VY023581.D

Acq: 24 Oct 2025 18:20

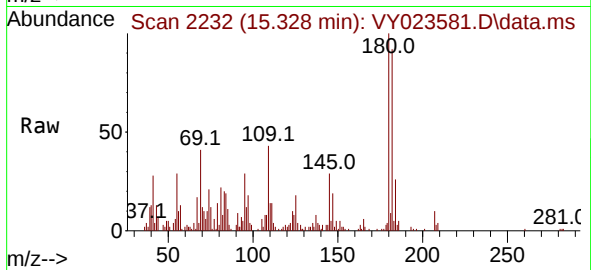
Tgt Ion:	128	Resp:	68160
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.4	15.6
129	11.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 18.717 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023581.D
 Acq: 24 Oct 2025 18:20

Instrument : MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MSD



Tgt Ion:180	Resp:	1479
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.9 143.8
145	36.5	15.3 45.9

Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 10/27/2025

