

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023580.D
 Acq On : 24 Oct 2025 17:58
 Operator : SY/MD
 Sample : Q3419-02MS
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 24 23:55:49 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	271890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	386012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	249668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120955	53.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.400%			
35) Dibromofluoromethane	7.640	113	124451	52.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.109	98	375970	42.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.120%			
62) 4-Bromofluorobenzene	12.407	95	82232	28.198	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 56.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	123303	63.005	ug/l	99
3) Chloromethane	2.074	50	142826	53.573	ug/l	97
4) Vinyl Chloride	2.208	62	208355	60.002	ug/l	97
5) Bromomethane	2.598	94	109512	37.581	ug/l	100
6) Chloroethane	2.738	64	148217	62.618	ug/l	100
7) Trichlorofluoromethane	3.062	101	316598	65.665	ug/l	99
8) Diethyl Ether	3.458	74	89273	70.860	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	141888	56.712	ug/l	98
10) Methyl Iodide	4.013	142	66058	23.717	ug/l	99
11) Tert butyl alcohol	4.860	59	72888	430.929	ug/l	99
12) 1,1-Dichloroethene	3.793	96	160081	66.004	ug/l	96
13) Acrolein	3.665	56	1782	7.456	ug/l #	78
14) Allyl chloride	4.391	41	135719	45.916	ug/l	99
15) Acrylonitrile	5.061	53	194034	402.443	ug/l	99
16) Acetone	3.872	43	251825	465.250	ug/l	96
17) Carbon Disulfide	4.110	76	332900	47.958	ug/l	98
18) Methyl Acetate	4.391	43	249670	175.841	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	437575	75.068	ug/l	97
20) Methylene Chloride	4.622	84	187168	63.948	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	147659	55.299	ug/l	98
22) Diisopropyl ether	6.024	45	402936	61.629	ug/l	95
23) Vinyl Acetate	5.970	43	176253	49.804	ug/l	95
24) 1,1-Dichloroethane	5.921	63	279950	64.640	ug/l	99
25) 2-Butanone	6.896	43	283296	428.715	ug/l	98
26) 2,2-Dichloropropane	6.890	77	245108	61.678	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	186769	60.553	ug/l	96
28) Bromochloromethane	7.250	49	69155	42.773	ug/l	94
29) Tetrahydrofuran	7.268	42	158444	422.831	ug/l	94
30) Chloroform	7.427	83	313842	65.956	ug/l	97
31) Cyclohexane	7.707	56	115020	30.411	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	272172	62.941	ug/l	99
36) 1,1-Dichloropropene	7.841	75	179266	57.089	ug/l	99
37) Ethyl Acetate	6.988	43	78675	63.243	ug/l	96
38) Carbon Tetrachloride	7.817	117	132420	34.778	ug/l	94
39) Methylcyclohexane	9.109	83	66748	16.326	ug/l	97
40) Benzene	8.085	78	632004	63.553	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023580.D
 Acq On : 24 Oct 2025 17:58
 Operator : SY/MD
 Sample : Q3419-02MS
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 23:55:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	55231	82.089	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	179164	69.858	ug/l	99
43) Isopropyl Acetate	8.201	43	176116	70.997	ug/l	99
44) Trichloroethene	8.872	130	180969	62.175	ug/l	100
45) 1,2-Dichloropropane	9.146	63	140373	63.908	ug/l	97
46) Dibromomethane	9.231	93	98831	71.157	ug/l	98
47) Bromodichloromethane	9.426	83	210037	60.045	ug/l	99
48) Methyl methacrylate	9.225	41	97244	83.445	ug/l	91
49) 1,4-Dioxane	9.231	88	29028	1802.611	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	558124	435.476	ug/l	98
52) Toluene	10.170	92	340114	52.676	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	94649	31.118	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	92845	25.864	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	139759	74.829	ug/l	98
56) Ethyl methacrylate	10.438	69	135479	62.883	ug/l	96
57) 1,3-Dichloropropane	10.719	76	207123	69.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	350506	363.168	ug/l	99
59) 2-Hexanone	10.761	43	375076	409.508	ug/l	96
60) Dibromochloromethane	10.914	129	151716	57.938	ug/l	99
61) 1,2-Dibromoethane	11.017	107	117891	66.185	ug/l	99
64) Tetrachloroethene	10.646	164	129361	50.180	ug/l	99
65) Chlorobenzene	11.444	112	306560	56.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	114295	59.065	ug/l	99
67) Ethyl Benzene	11.517	91	414287	47.133	ug/l	97
68) m/p-Xylenes	11.627	106	320246	90.836	ug/l	100
69) o-Xylene	11.956	106	155319	46.969	ug/l	99
70) Styrene	11.969	104	232107	42.682	ug/l	99
71) Bromoform	12.133	173	87609	72.989	ug/l #	100
73) Isopropylbenzene	12.255	105	262027	49.659	ug/l	99
74) N-amyl acetate	12.072	43	33094	34.919	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	121863	141.207	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	77567m	109.805	ug/l	
77) Bromobenzene	12.529	156	101958	72.684	ug/l	93
78) n-propylbenzene	12.596	91	237385	38.877	ug/l	99
79) 2-Chlorotoluene	12.682	91	171658	48.007	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	151905	35.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	7609	26.414	ug/l	93
82) 4-Chlorotoluene	12.773	91	175602	47.685	ug/l	99
83) tert-Butylbenzene	12.999	119	123521	31.376	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	158575	37.266	ug/l	99
85) sec-Butylbenzene	13.176	105	129955	23.012	ug/l	99
86) p-Isopropyltoluene	13.291	119	103491	21.524	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	104101	38.110	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	108993	40.400	ug/l	98
89) n-Butylbenzene	13.615	91	64229	15.331	ug/l	99
90) Hexachloroethane	13.877	117	5641	5.455	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	101845	42.526	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16707	117.984	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	19425	13.011	ug/l	92
94) Hexachlorobutadiene	15.023	225	5601	6.018	ug/l	96
95) Naphthalene	15.139	128	79755	33.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	17795	13.760	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023580.D
Acq On : 24 Oct 2025 17:58
Operator : SY/MD
Sample : Q3419-02MS
Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

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

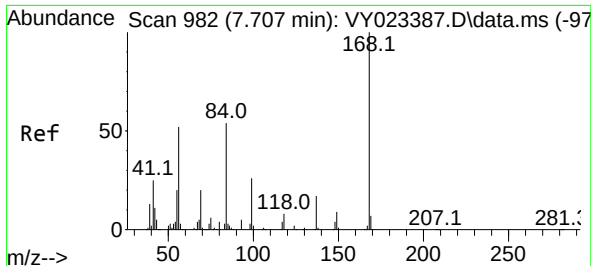
Quant Time: Oct 24 23:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



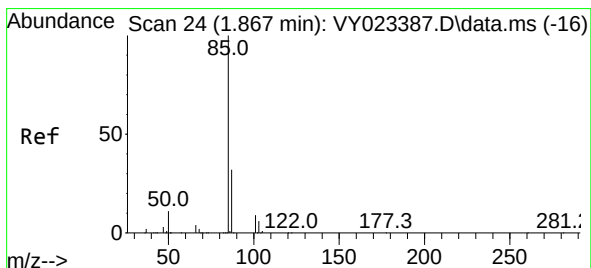
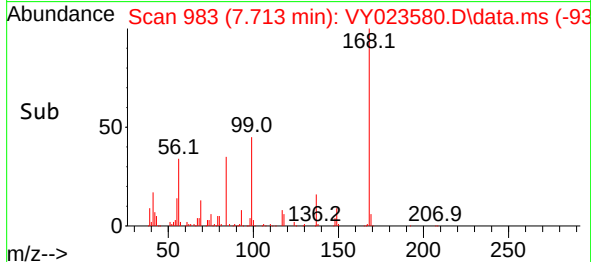
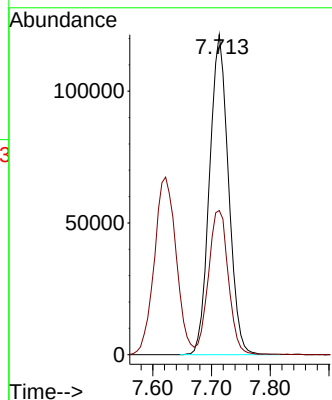
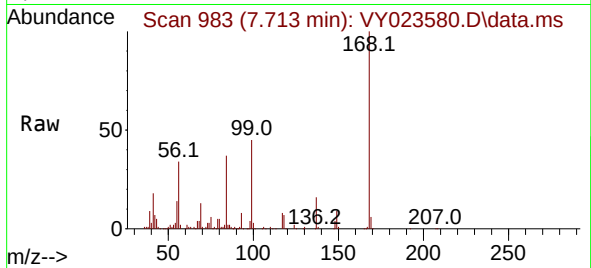
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

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

Tgt Ion:168 Resp: 271890
Ion Ratio Lower Upper
168 100
99 44.9 39.7 59.5

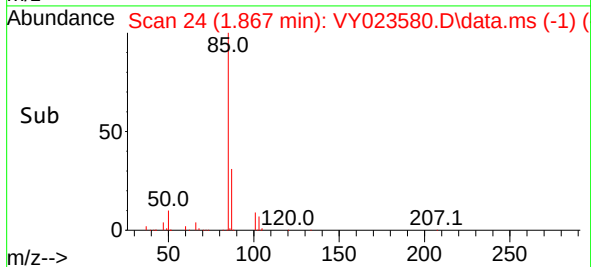
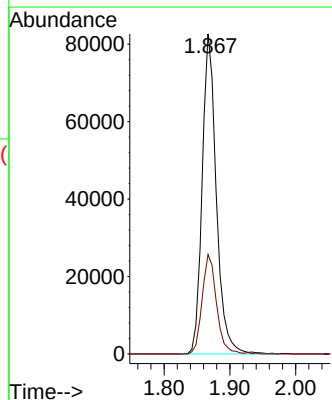
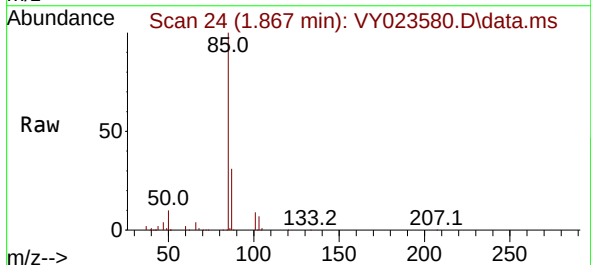
Manual Integrations
APPROVED

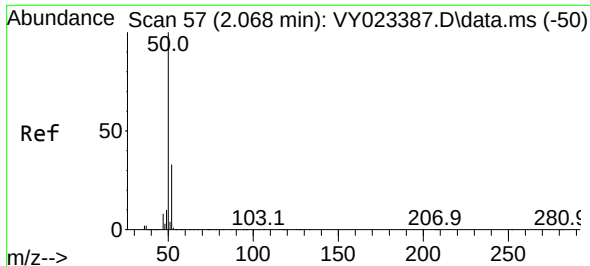
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 63.005 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

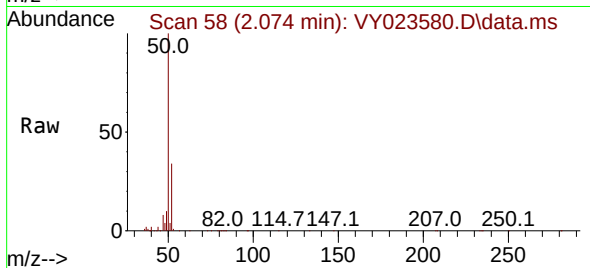
Tgt Ion: 85 Resp: 123303
Ion Ratio Lower Upper
85 100
87 31.1 16.0 47.9





#3
Chloromethane
Concen: 53.573 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

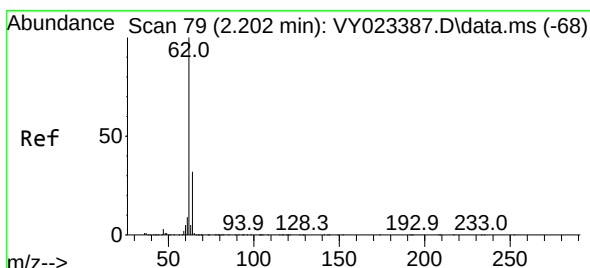
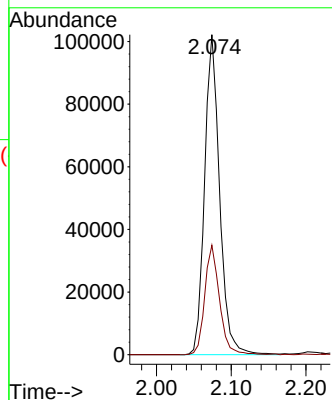
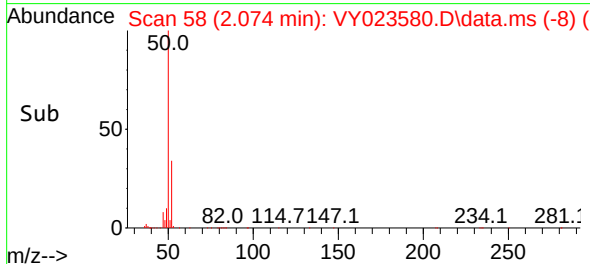
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 50 Resp: 142820
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2

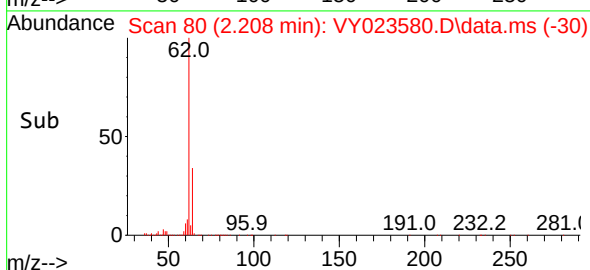
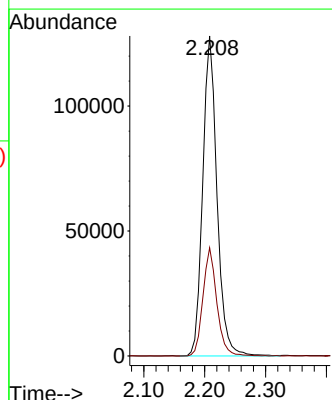
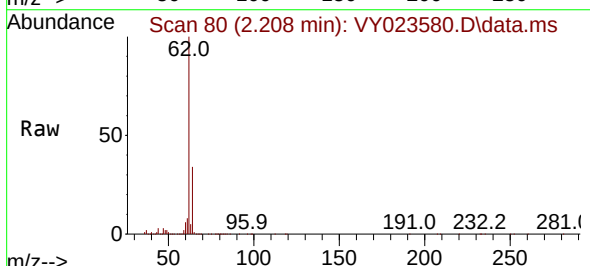
Manual Integrations
APPROVED

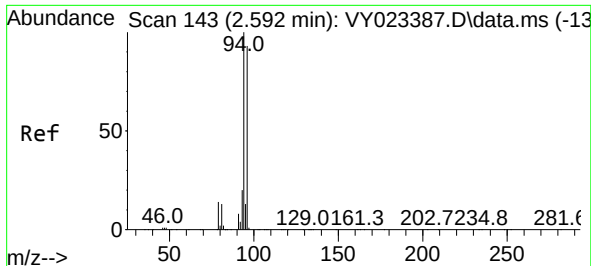
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 60.002 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

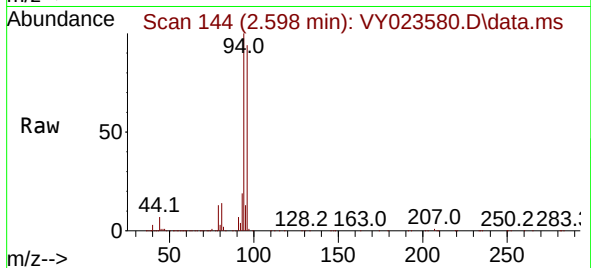
Tgt Ion: 62 Resp: 208355
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.8





#5
Bromomethane
Concen: 37.581 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

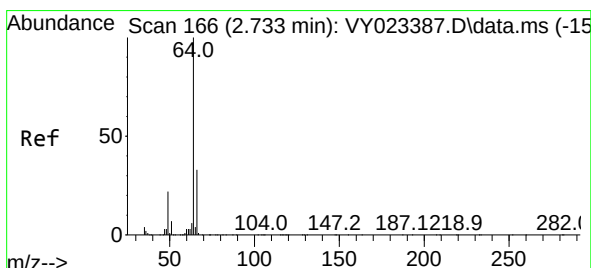
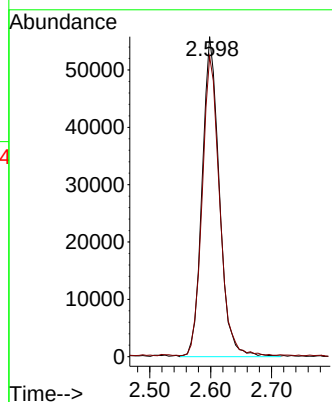
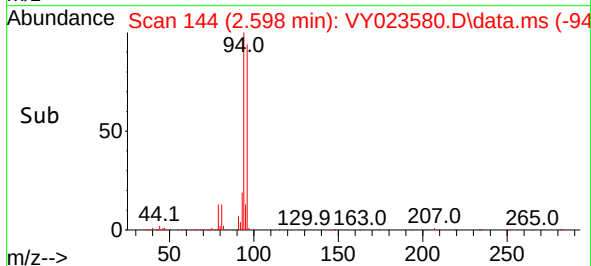
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



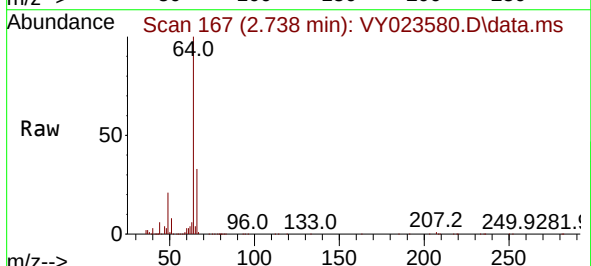
Tgt Ion: 94 Resp: 109512
Ion Ratio Lower Upper
94 100
96 93.4 74.5 111.7

Manual Integrations
APPROVED

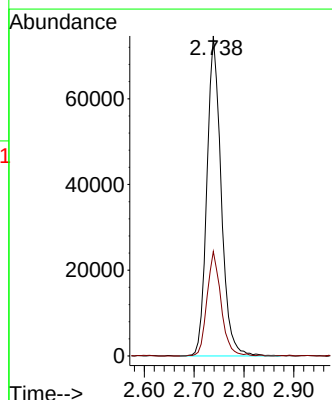
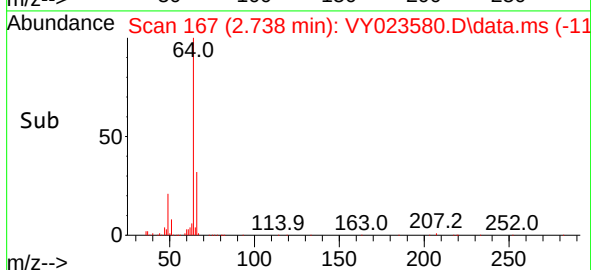
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

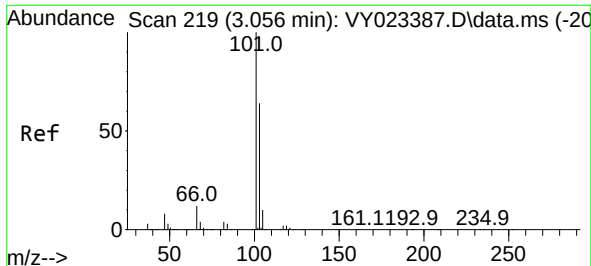


#6
Chloroethane
Concen: 62.618 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



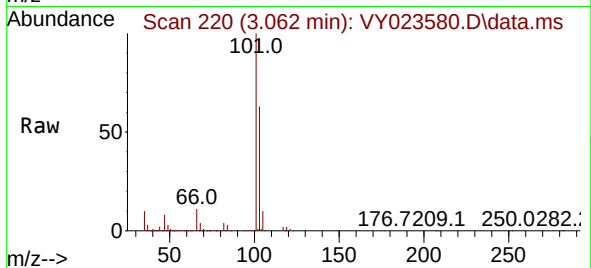
Tgt Ion: 64 Resp: 148217
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 65.665 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

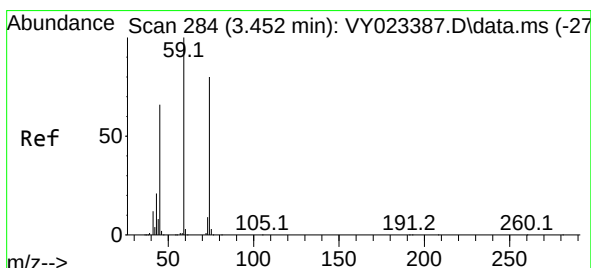
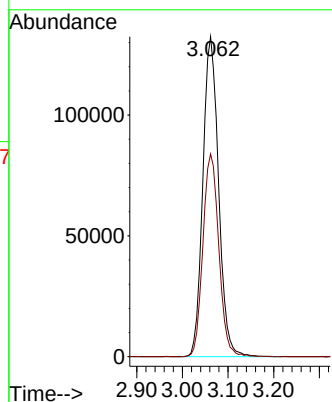
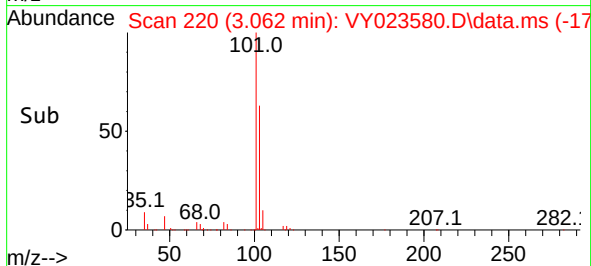
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:101 Resp: 316598
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9

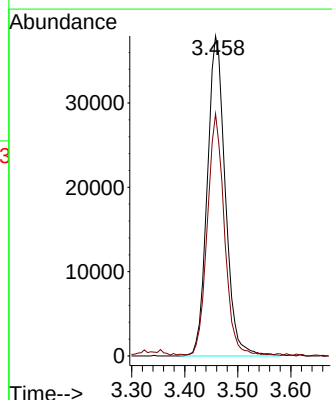
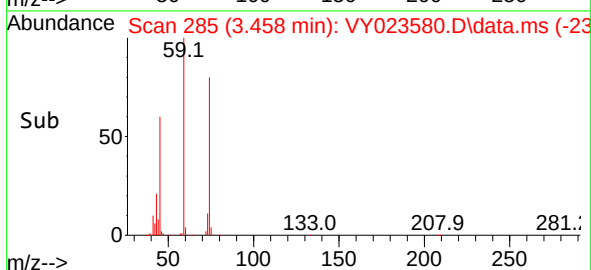
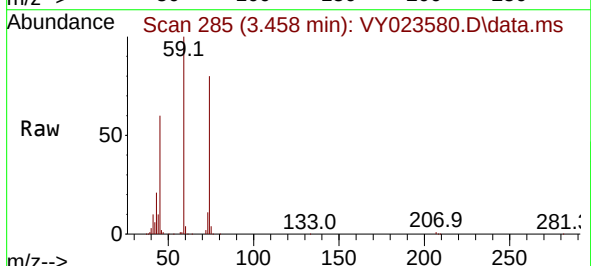
Manual Integrations
APPROVED

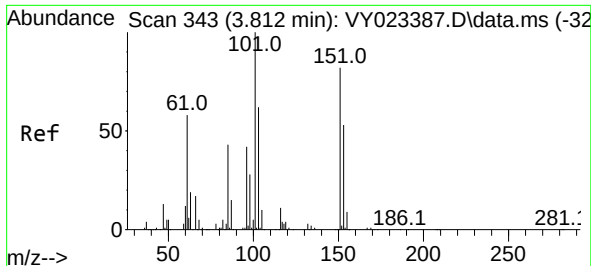
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 70.860 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

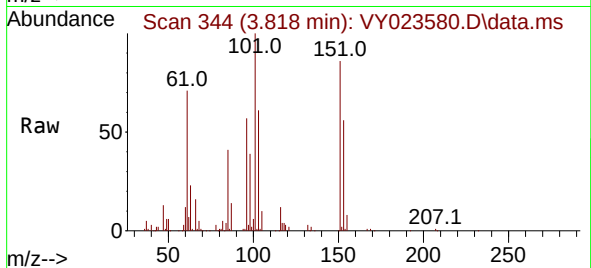
Tgt Ion: 74 Resp: 89273
Ion Ratio Lower Upper
74 100
45 70.8 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.712 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

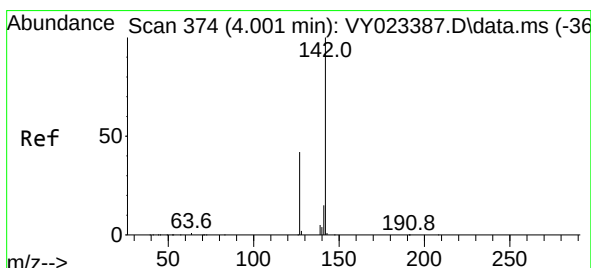
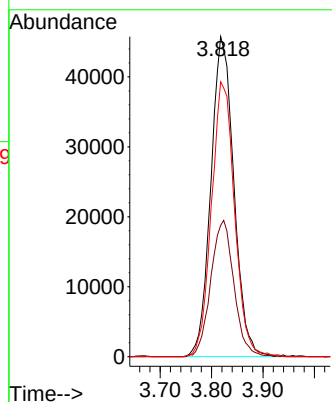
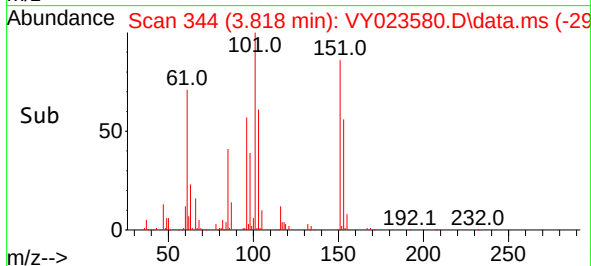
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:101 Resp: 14188
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 86.3 67.0 100.6

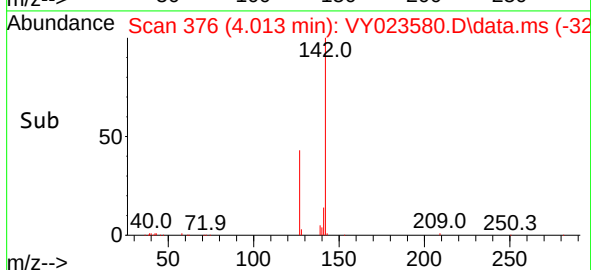
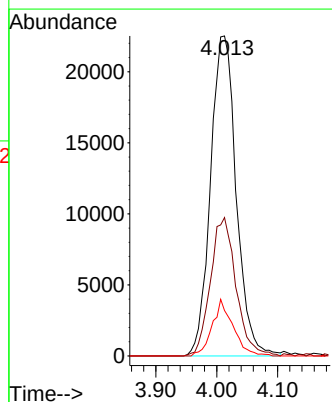
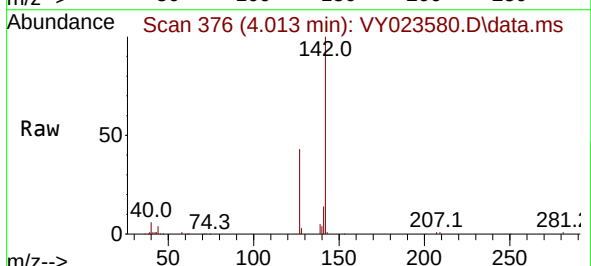
Manual Integrations
APPROVED

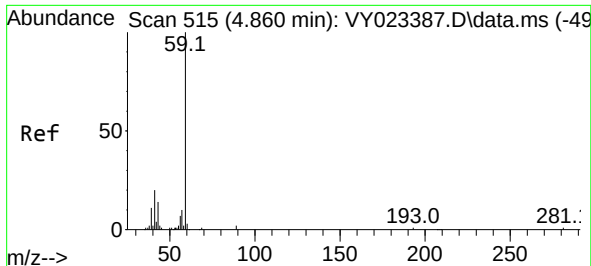
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 23.717 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

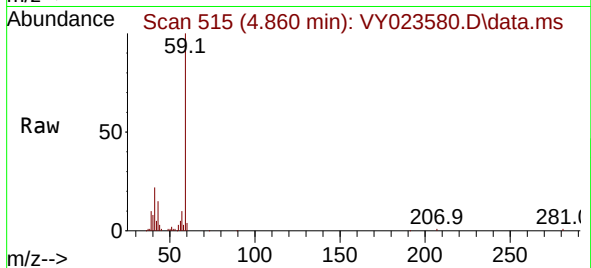
Tgt Ion:142 Resp: 66058
Ion Ratio Lower Upper
142 100
127 43.0 34.8 52.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 430.929 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

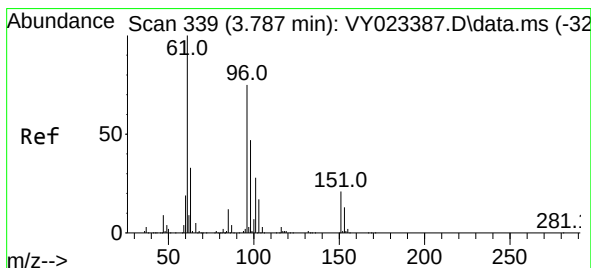
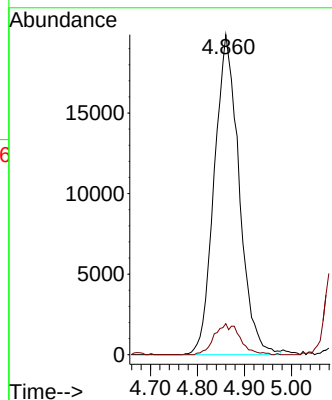
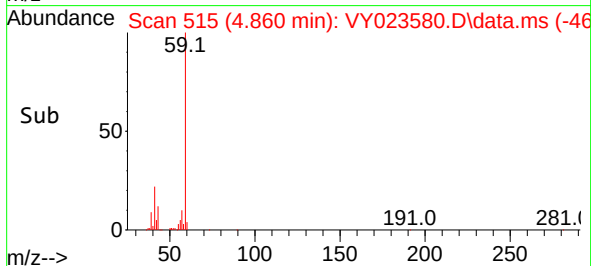
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



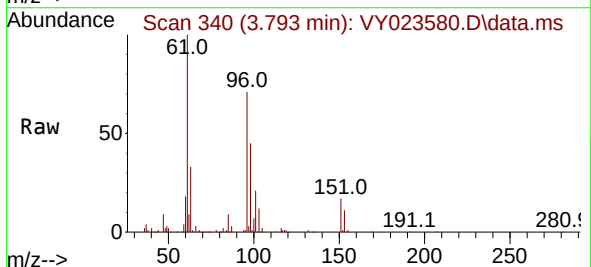
Tgt Ion: 59 Resp: 7288
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

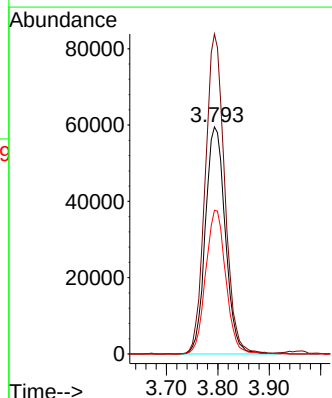
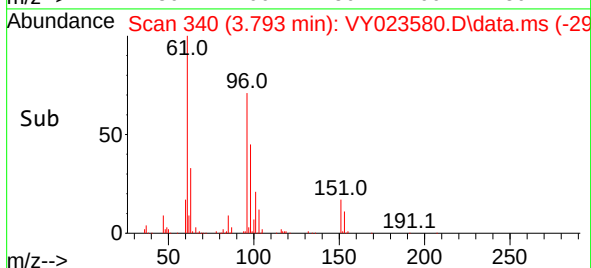
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

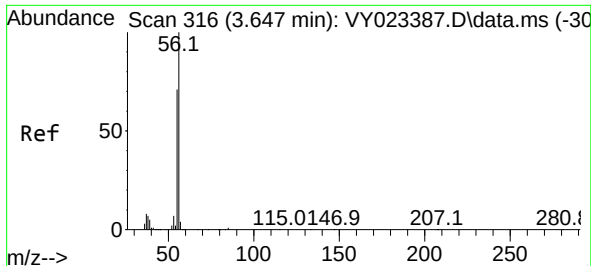


#12
1,1-Dichloroethene
Concen: 66.004 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



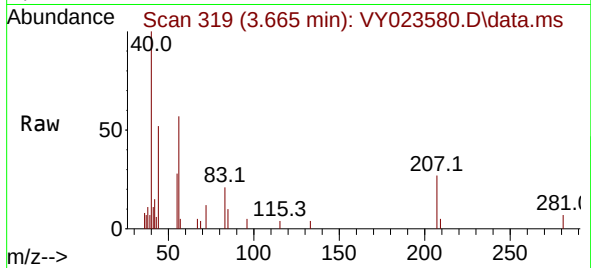
Tgt Ion: 96 Resp: 160081
Ion Ratio Lower Upper
96 100
61 140.8 106.7 160.1
98 63.3 50.2 75.4





#13
Acrolein
Concen: 7.456 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

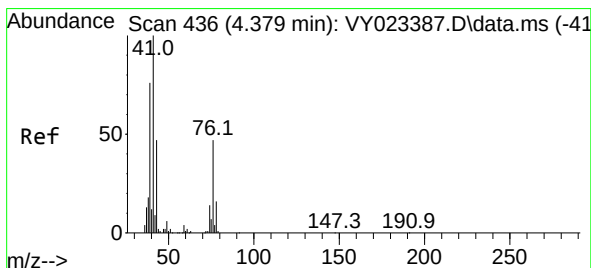
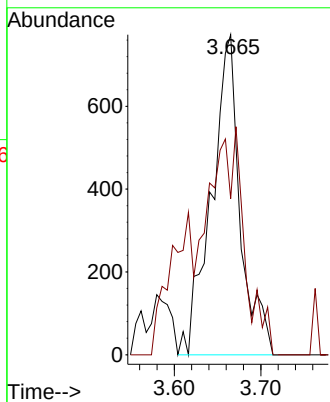
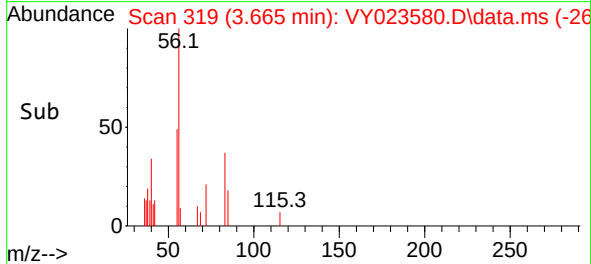
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 88.1 56.1 84.1

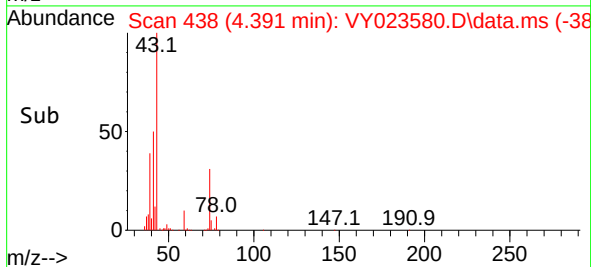
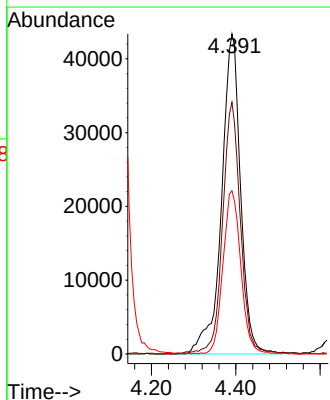
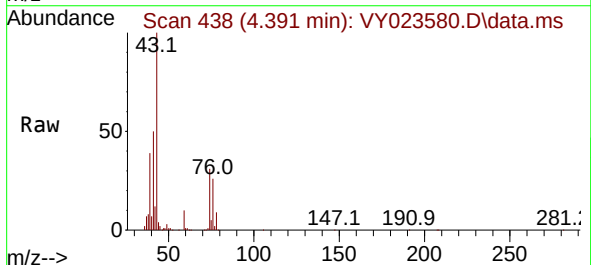
Manual Integrations
APPROVED

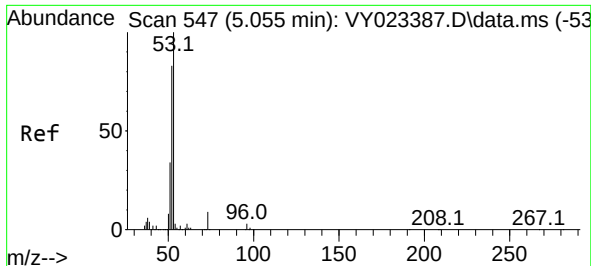
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 45.916 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

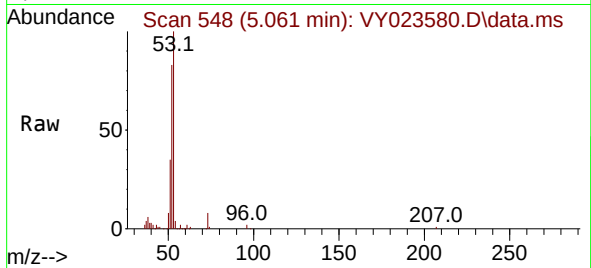
Tgt Ion: 41 Resp: 135719
Ion Ratio Lower Upper
41 100
39 73.7 59.9 89.9
76 47.7 38.0 57.0





#15
Acrylonitrile
Concen: 402.443 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

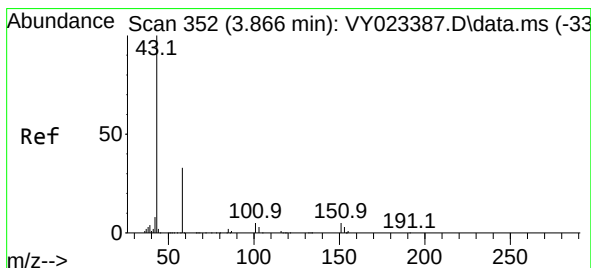
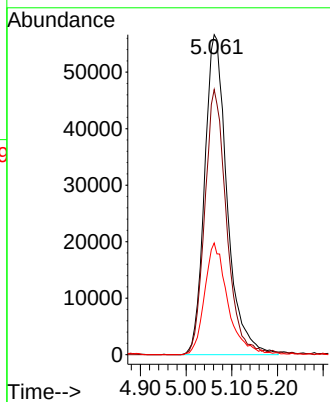
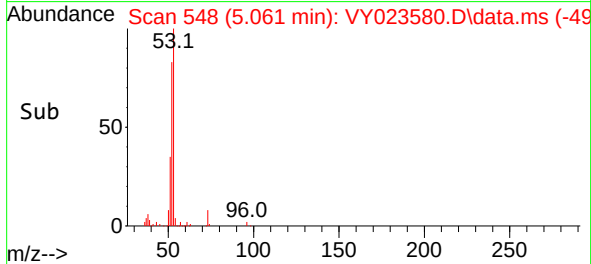
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 53 Resp: 194034
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 36.1 29.5 44.3

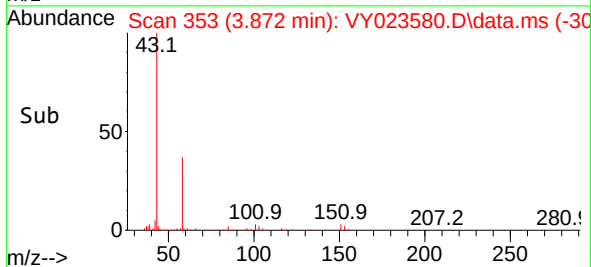
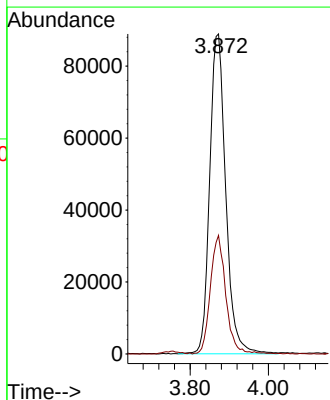
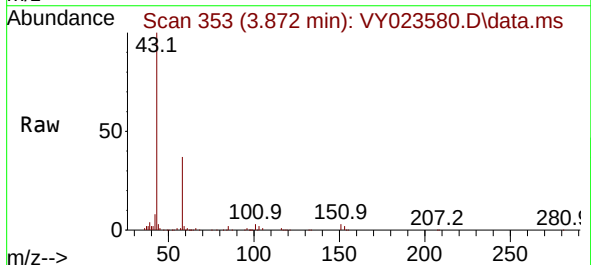
Manual Integrations
APPROVED

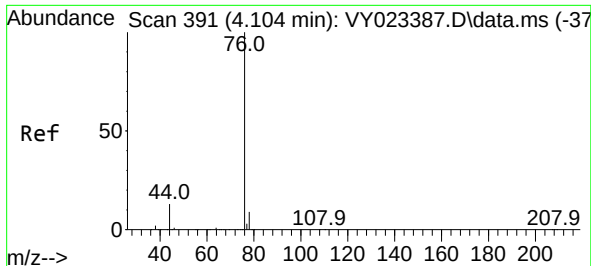
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 465.250 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

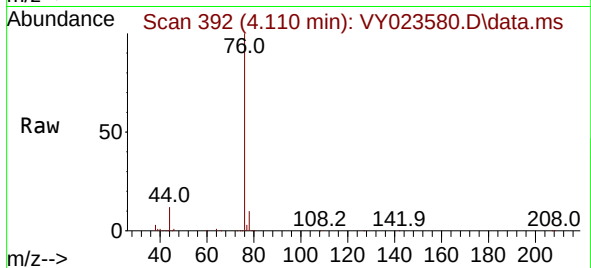
Tgt Ion: 43 Resp: 251825
Ion Ratio Lower Upper
43 100
58 36.9 27.7 41.5





#17
Carbon Disulfide
Concen: 47.958 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

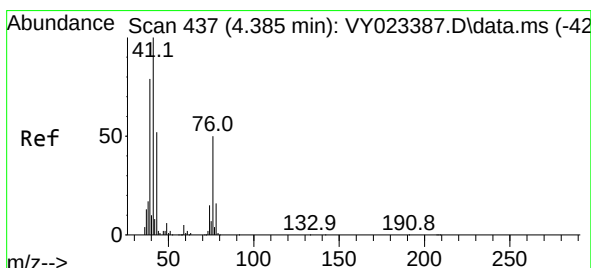
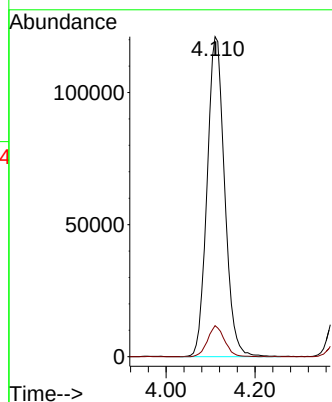
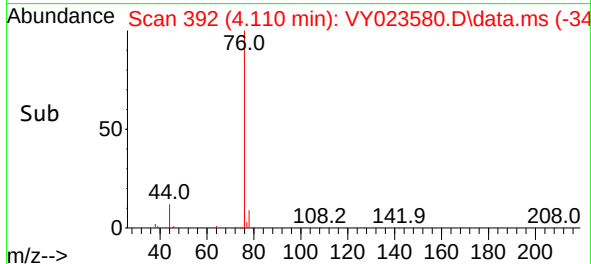
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 76 Resp: 332900
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

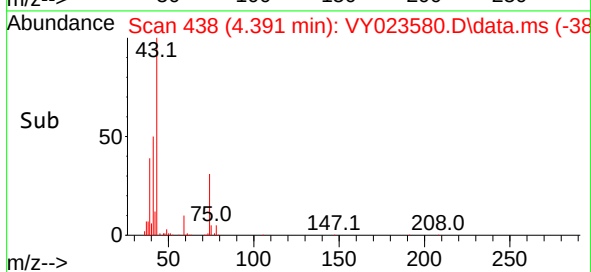
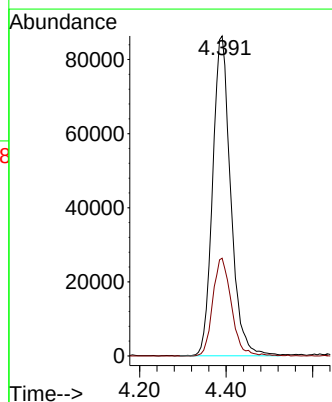
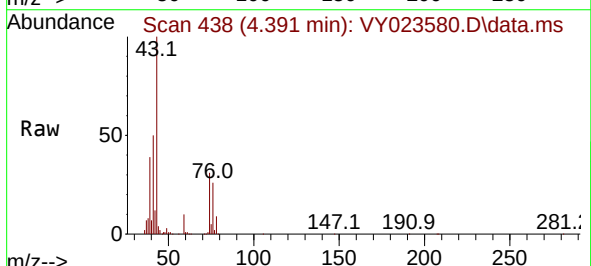
Manual Integrations
APPROVED

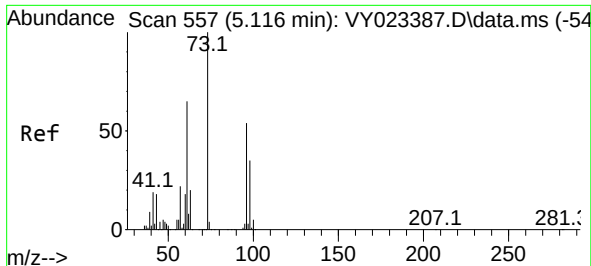
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 175.841 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

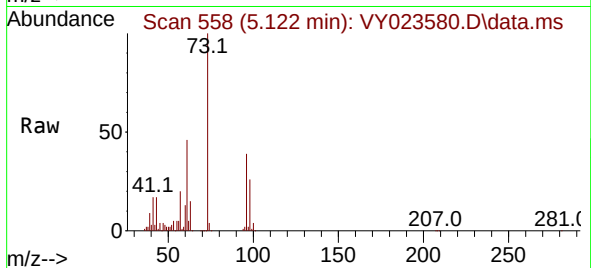
Tgt Ion: 43 Resp: 249670
Ion Ratio Lower Upper
43 100
74 31.3 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 75.068 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

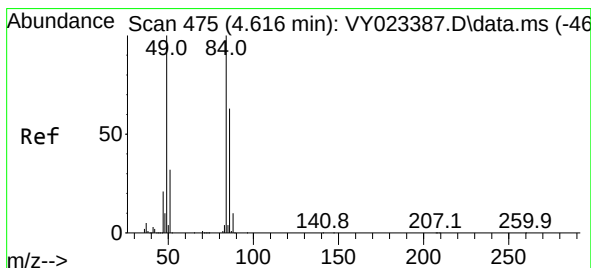
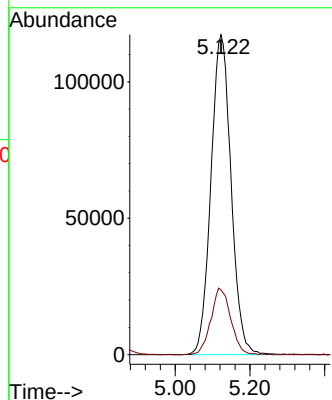
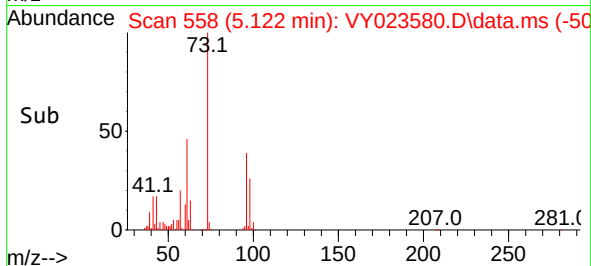
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 73 Resp: 437579
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0

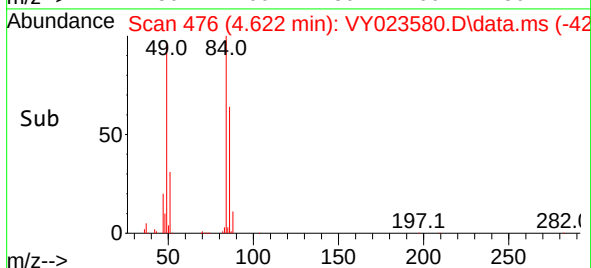
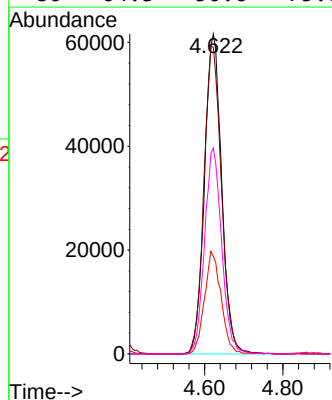
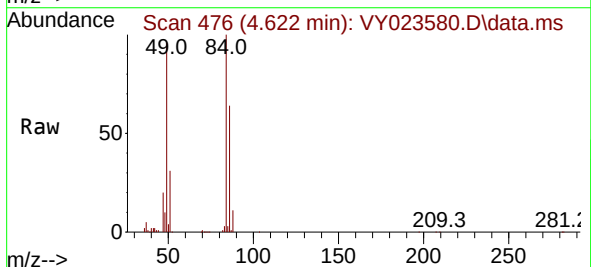
Manual Integrations
APPROVED

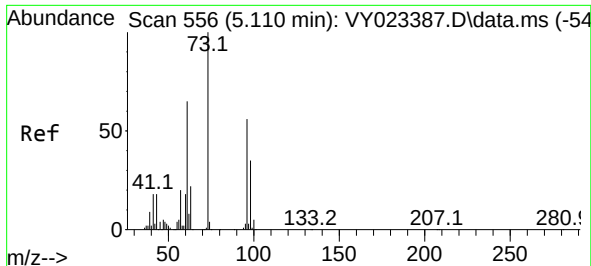
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 63.948 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

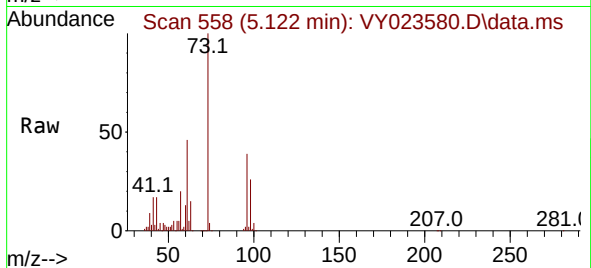
Tgt Ion: 84 Resp: 187168
Ion Ratio Lower Upper
84 100
49 95.8 80.2 120.4
51 30.5 25.9 38.9
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 55.299 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

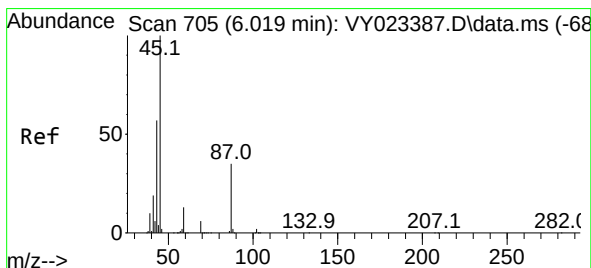
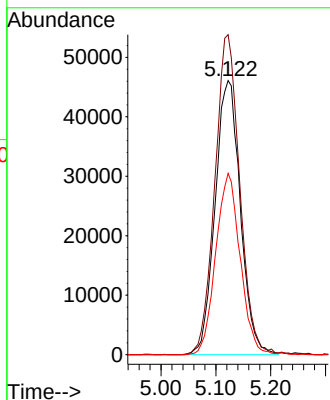
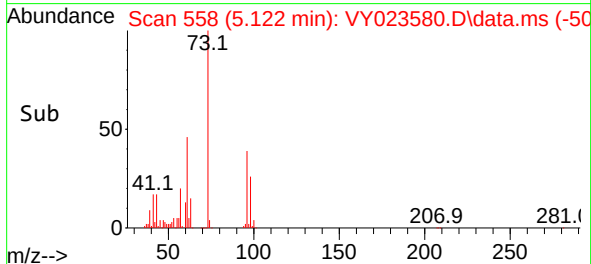
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



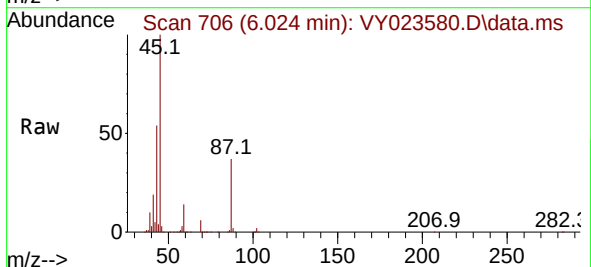
Tgt Ion: 96 Resp: 147659
Ion Ratio Lower Upper
96 100
61 116.8 92.7 139.1
98 66.1 49.7 74.5

Manual Integrations
APPROVED

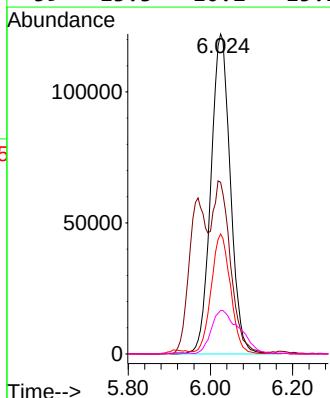
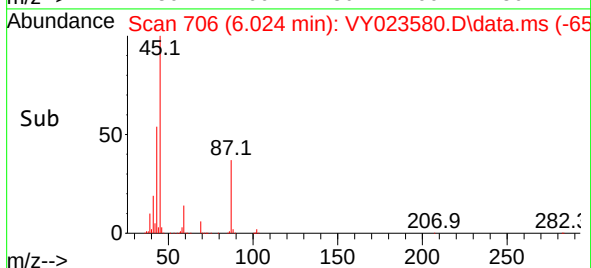
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

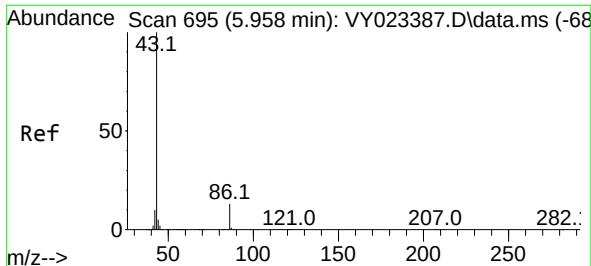


#22
Diisopropyl ether
Concen: 61.629 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



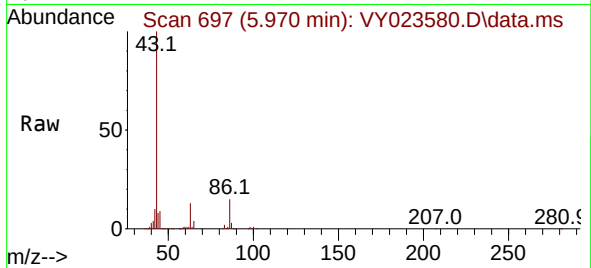
Tgt Ion: 45 Resp: 402936
Ion Ratio Lower Upper
45 100
43 52.8 45.6 68.4
87 37.4 28.1 42.1
59 13.3 10.2 15.2





#23
 Vinyl Acetate
 Concen: 49.804 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY023580.D
 Acq: 24 Oct 2025 17:58

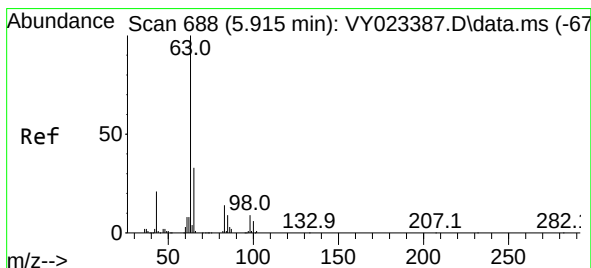
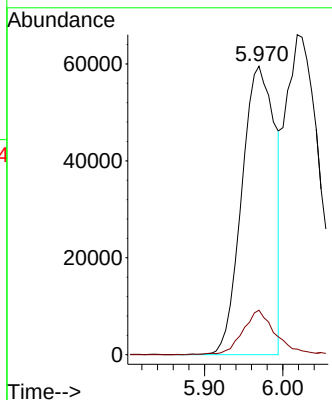
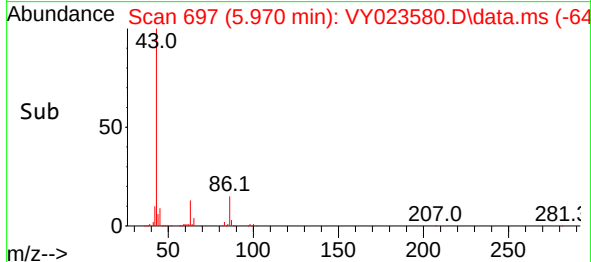
Instrument : MSVOA_Y
 ClientSampleId : PR-132-S16-015094-20251021MS



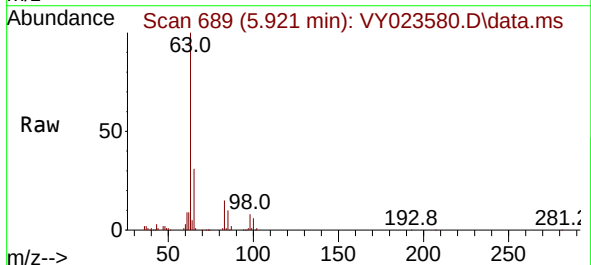
Tgt Ion: 43 Resp: 17625
 Ion Ratio Lower Upper
 43 100
 86 15.3 10.6 15.8

Manual Integrations
 APPROVED

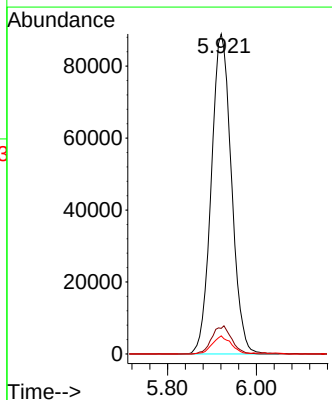
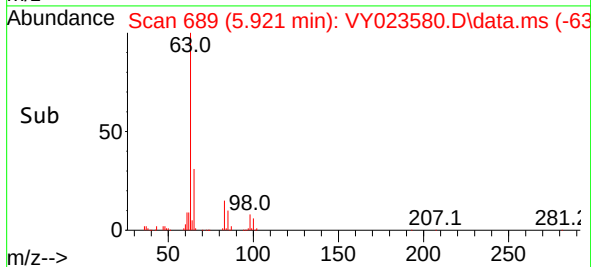
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

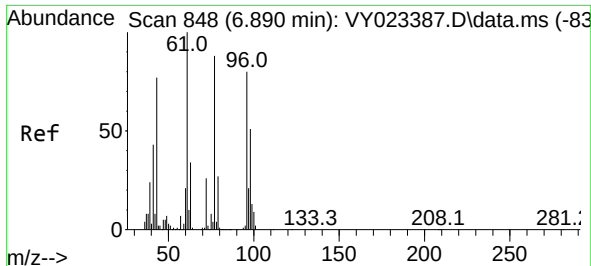


#24
 1,1-Dichloroethane
 Concen: 64.640 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023580.D
 Acq: 24 Oct 2025 17:58



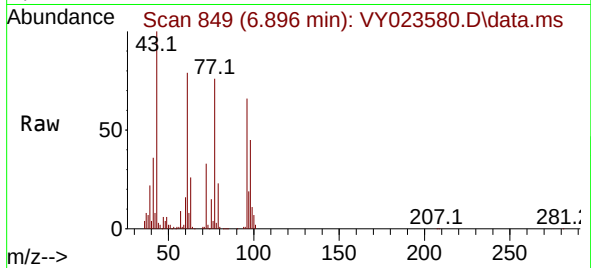
Tgt Ion: 63 Resp: 279950
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 5.7 2.8 8.4





#25
2-Butanone
Concen: 428.715 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

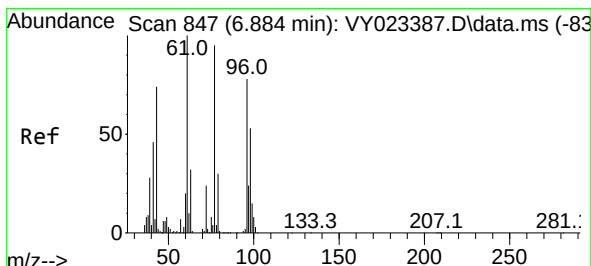
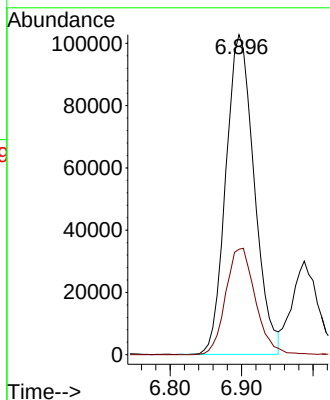
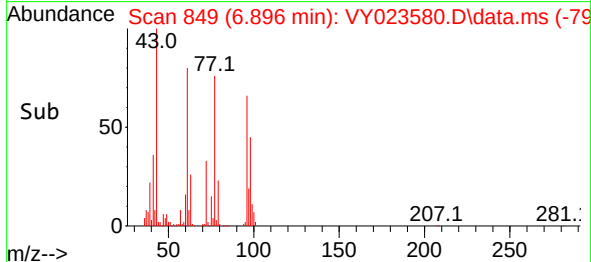
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



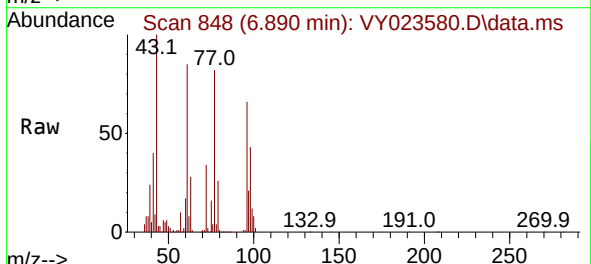
Tgt Ion: 43 Resp: 283290
Ion Ratio Lower Upper
43 100
72 33.0 27.4 41.2

Manual Integrations
APPROVED

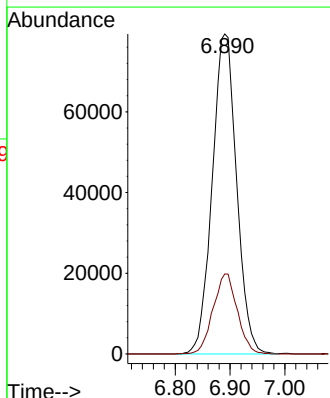
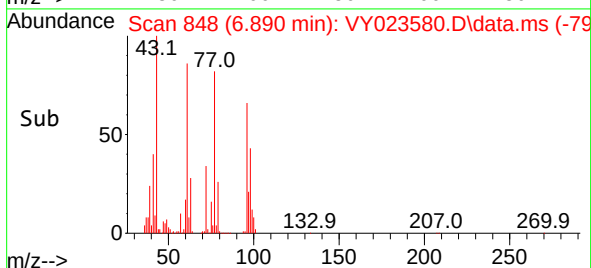
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

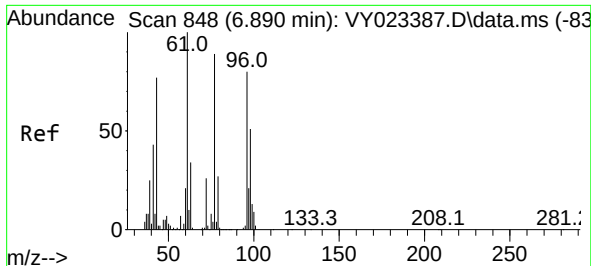


#26
2,2-Dichloropropane
Concen: 61.678 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



Tgt Ion: 77 Resp: 245108
Ion Ratio Lower Upper
77 100
97 24.8 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 60.553 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023580.D

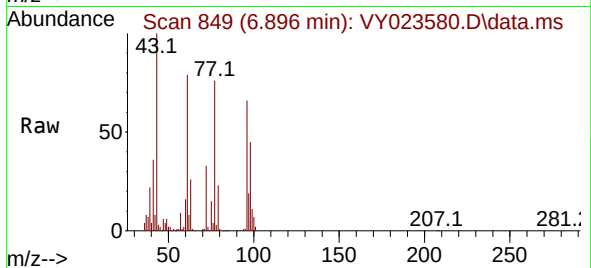
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



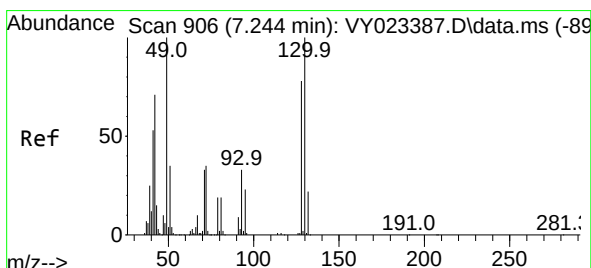
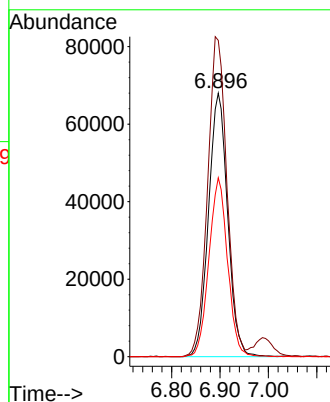
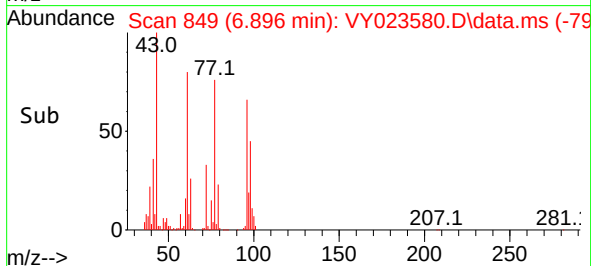
Tgt Ion:	96	Resp:	186769
Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	258.2
98	66.1	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 42.773 ug/l

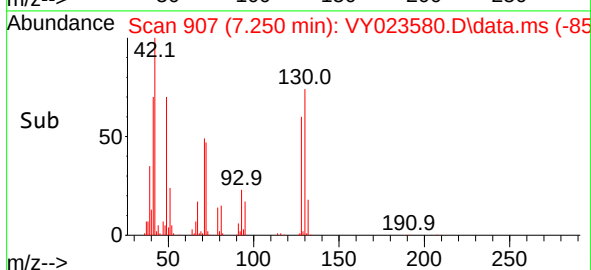
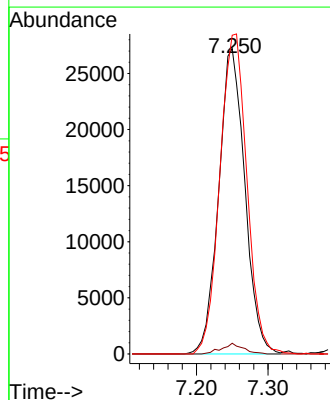
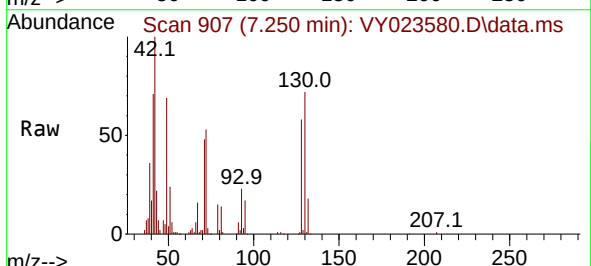
RT: 7.250 min Scan# 907

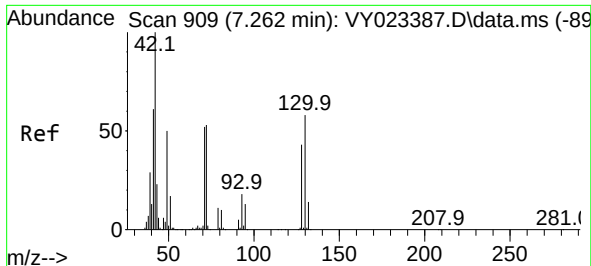
Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Tgt Ion:	49	Resp:	69155
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	108.2	81.9	122.9





#29

Tetrahydrofuran

Concen: 422.831 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023580.D

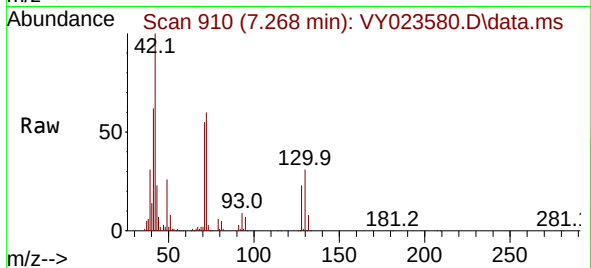
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



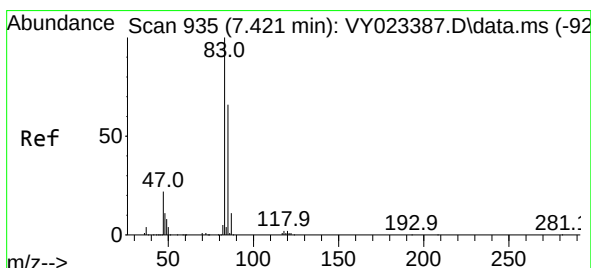
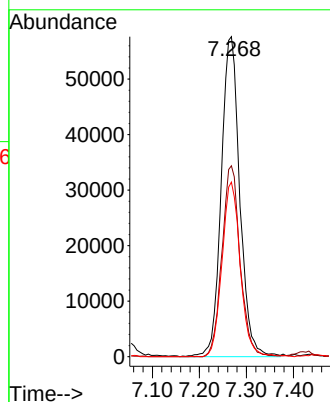
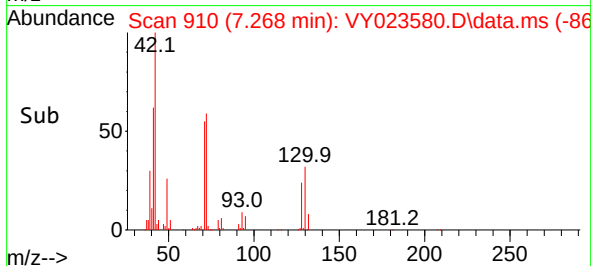
Tgt Ion:	42	Resp:	15844
Ion	Ratio	Lower	Upper
42	100		
72	58.3	43.0	64.6
71	53.6	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 65.956 ug/l

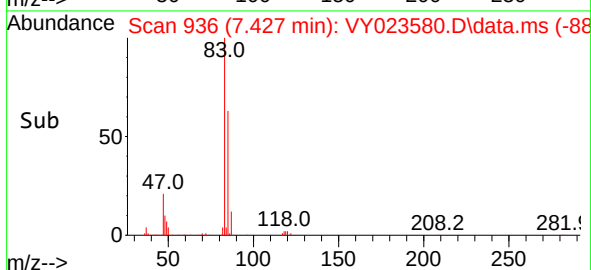
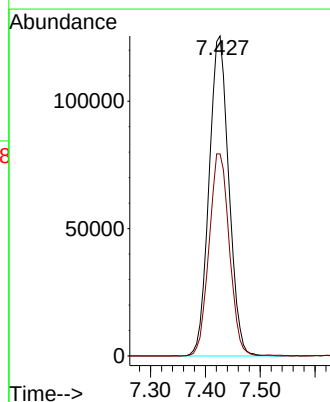
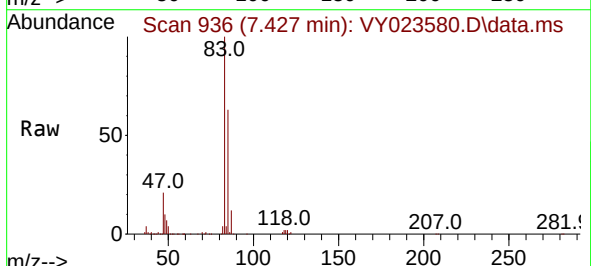
RT: 7.427 min Scan# 936

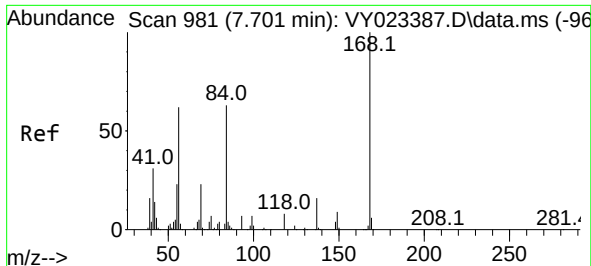
Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

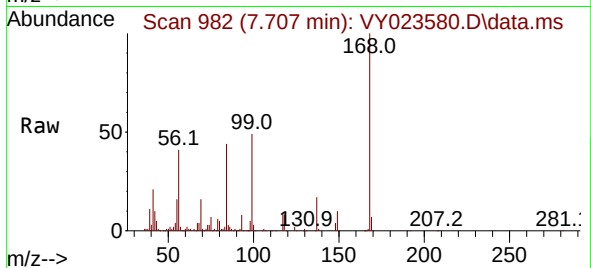
Tgt Ion:	83	Resp:	313842
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7





#31
Cyclohexane
Concen: 30.411 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

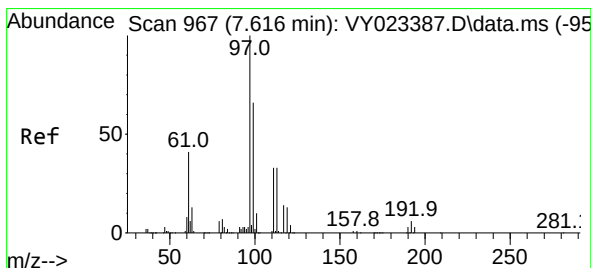
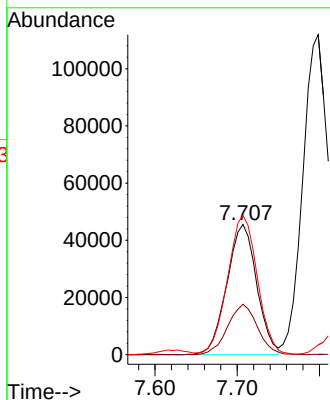
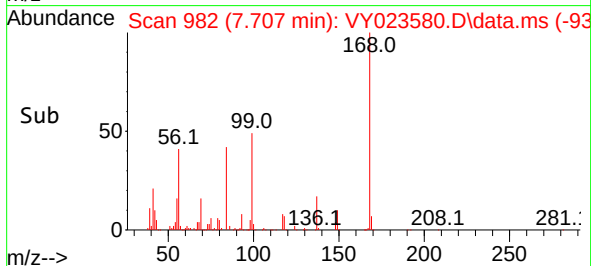
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



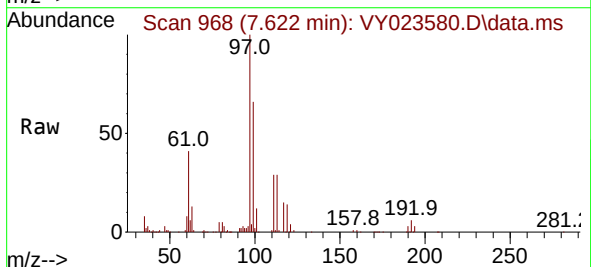
Tgt Ion: 56 Resp: 115020
Ion Ratio Lower Upper
56 100
69 38.8 30.0 45.0
84 103.3 81.2 121.8

Manual Integrations
APPROVED

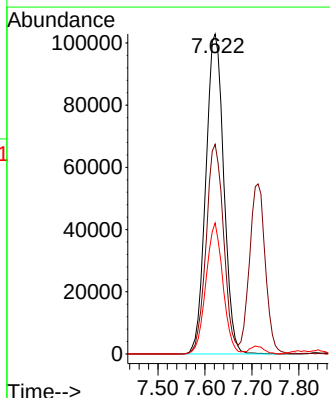
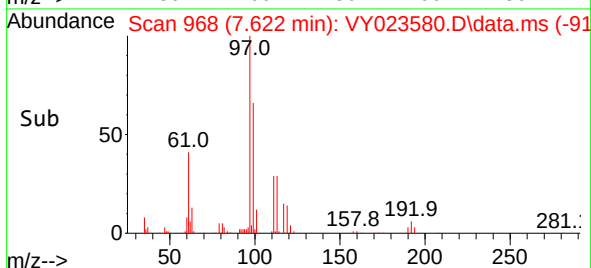
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

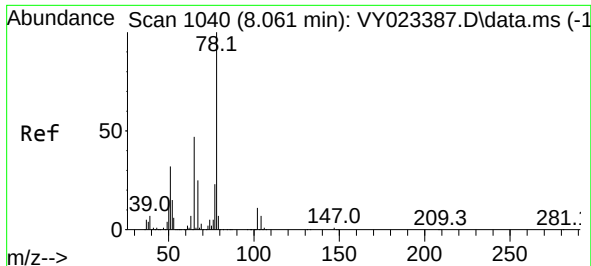


#32
1,1,1-Trichloroethane
Concen: 62.941 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



Tgt Ion: 97 Resp: 272172
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 53.200 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 65 Resp: 12095

Ion Ratio Lower Upper

65 100

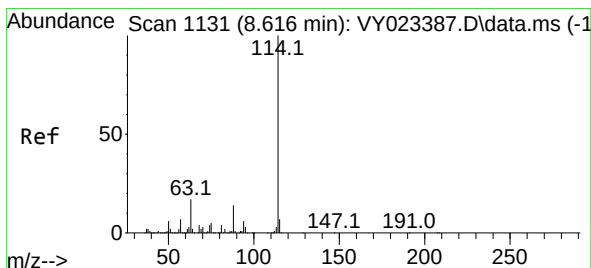
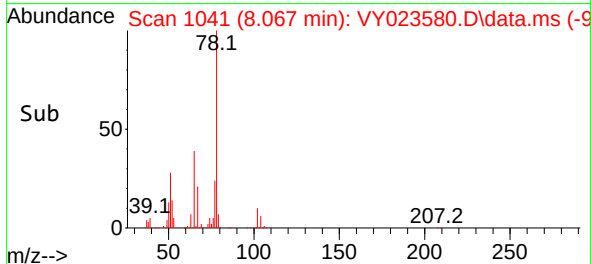
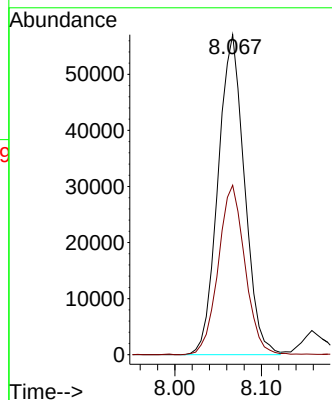
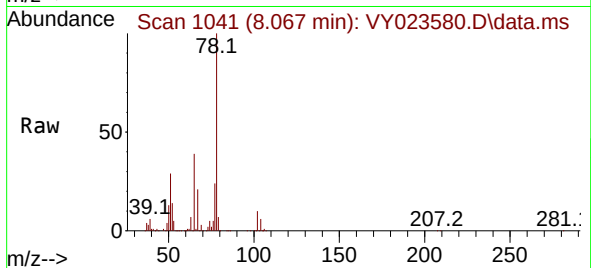
67 53.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

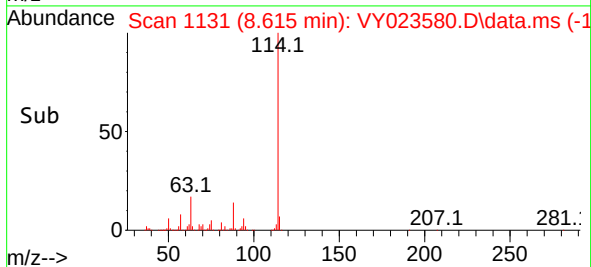
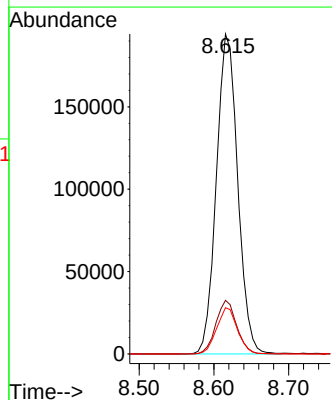
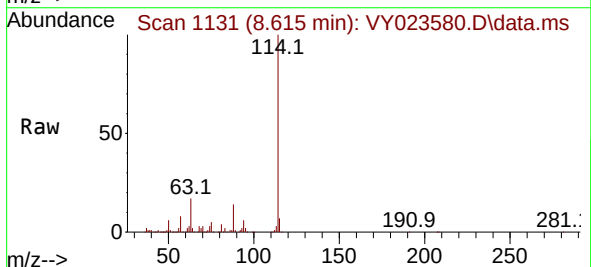
Tgt Ion:114 Resp: 386012

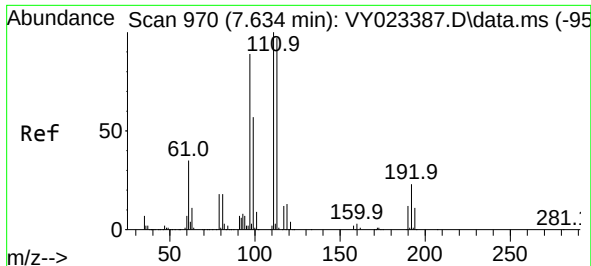
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

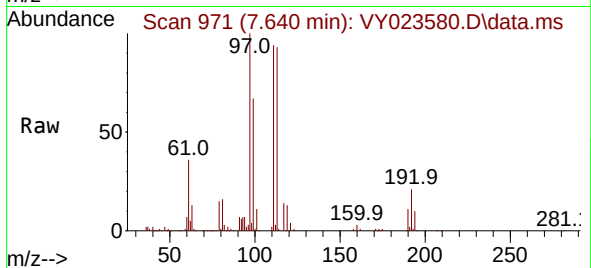
88 14.5 0.0 28.4





#35
Dibromofluoromethane
Concen: 52.470 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

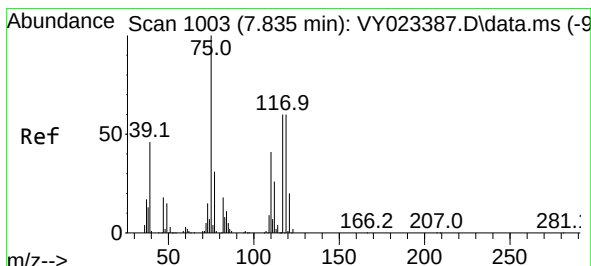
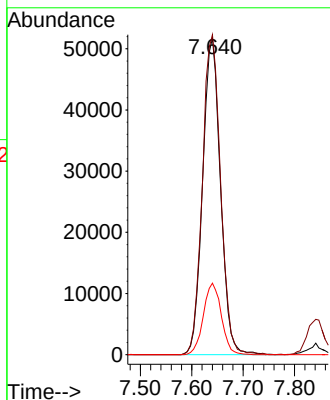
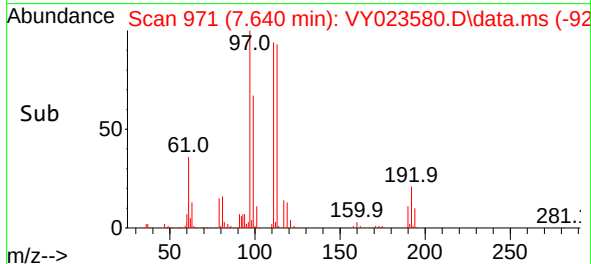
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



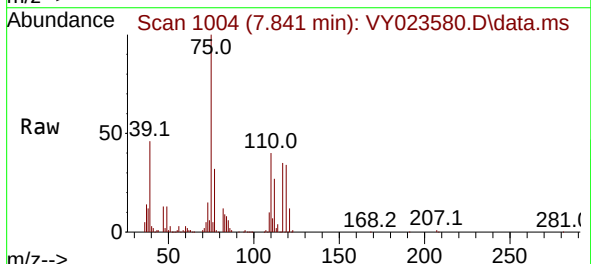
Tgt Ion:113 Resp: 12445
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 22.8 18.0 27.0

Manual Integrations
APPROVED

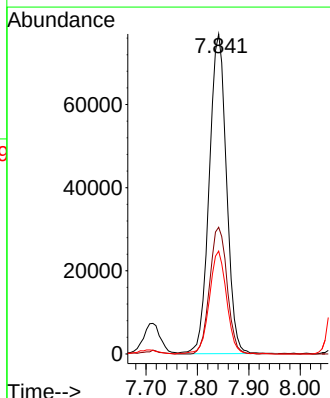
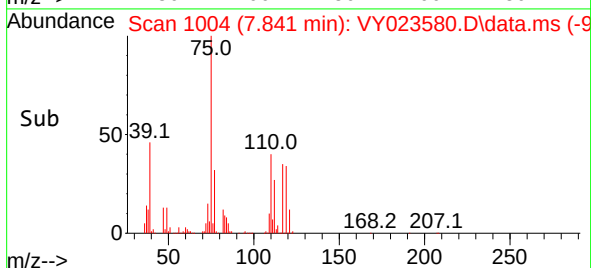
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

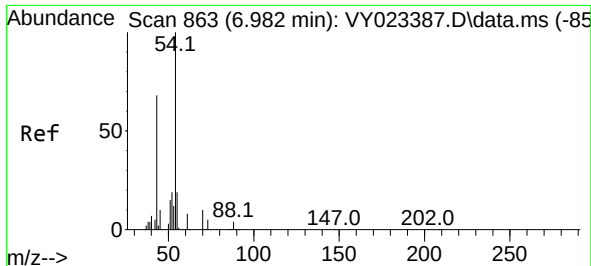


#36
1,1-Dichloropropene
Concen: 57.089 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



Tgt Ion: 75 Resp: 179266
Ion Ratio Lower Upper
75 100
110 40.2 19.9 59.7
77 32.2 25.0 37.6





#37

Ethyl Acetate

Concen: 63.243 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023580.D

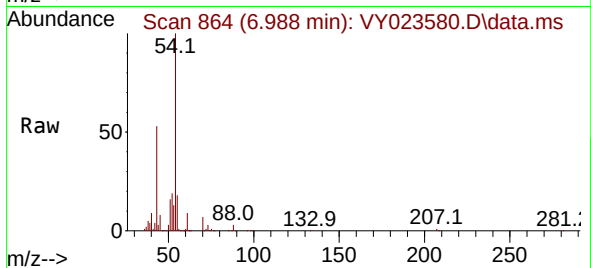
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



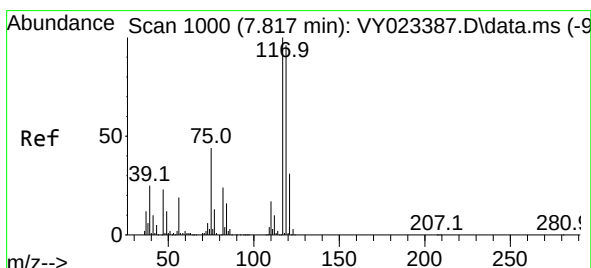
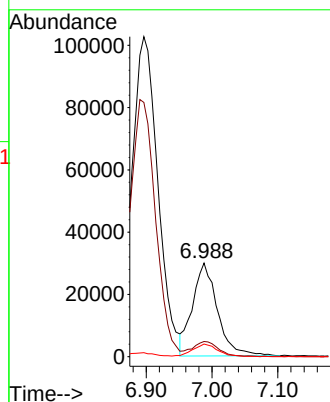
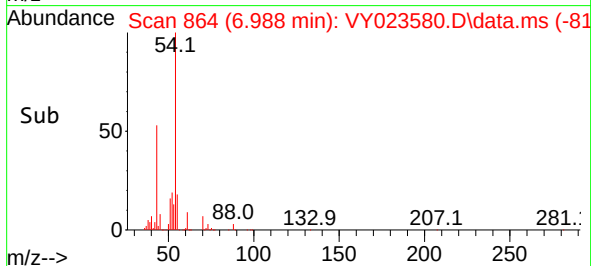
Tgt Ion:	43	Resp:	7867
Ion Ratio	Lower	Upper	
43	100		
61	16.9	11.8	17.8
70	13.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 34.778 ug/l

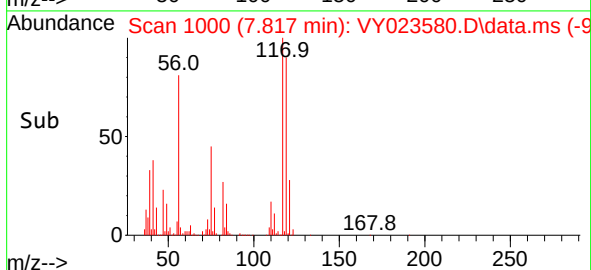
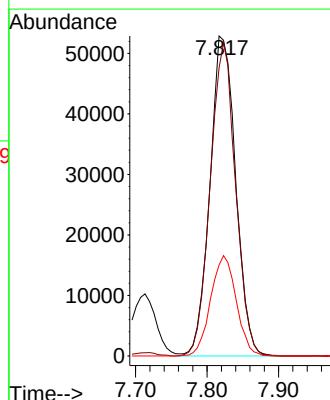
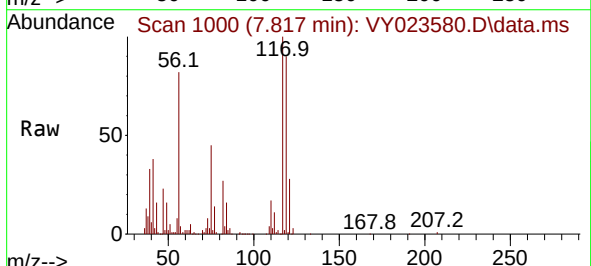
RT: 7.817 min Scan# 1000

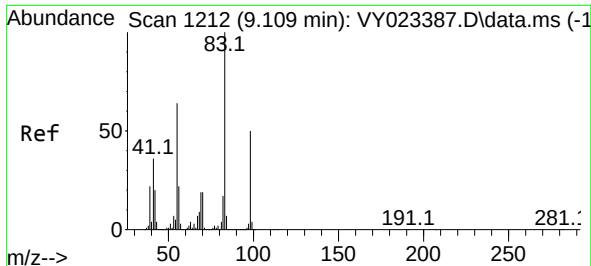
Delta R.T. -0.000 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

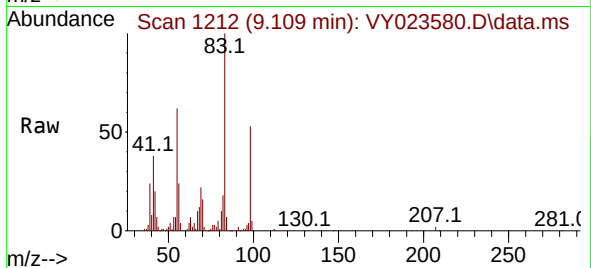
Tgt Ion:	117	Resp:	132420
Ion Ratio	Lower	Upper	
117	100		
119	90.1	76.8	115.2
121	28.5	24.5	36.7





#39
Methylcyclohexane
Concen: 16.326 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

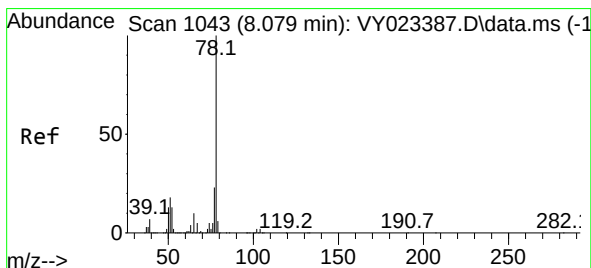
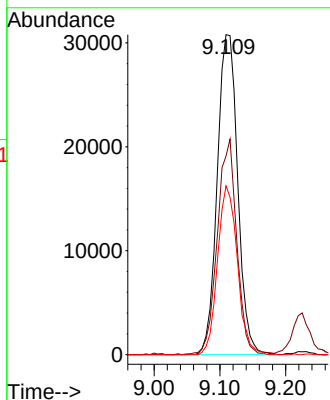
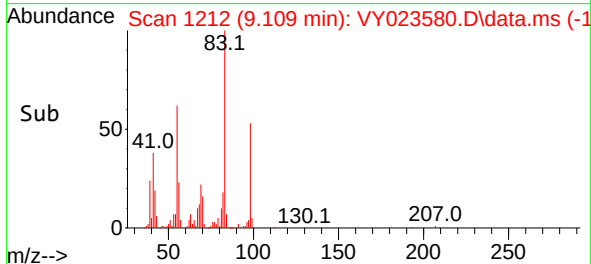
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



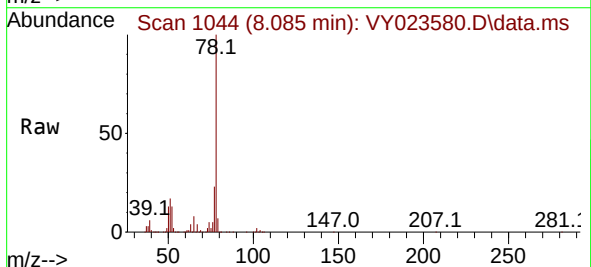
Tgt Ion: 83 Resp: 66748
Ion Ratio Lower Upper
83 100
55 61.8 51.4 77.2
98 52.8 40.4 60.6

Manual Integrations
APPROVED

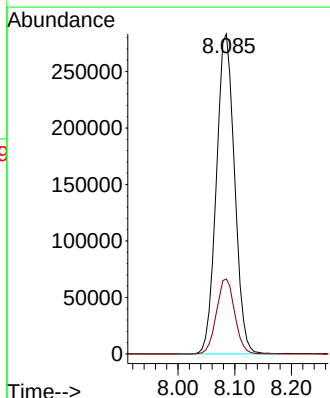
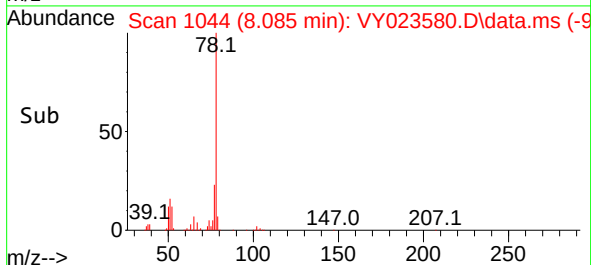
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

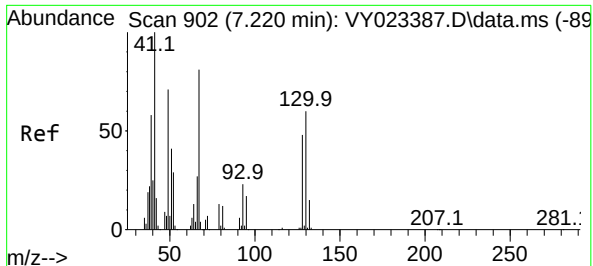


#40
Benzene
Concen: 63.553 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



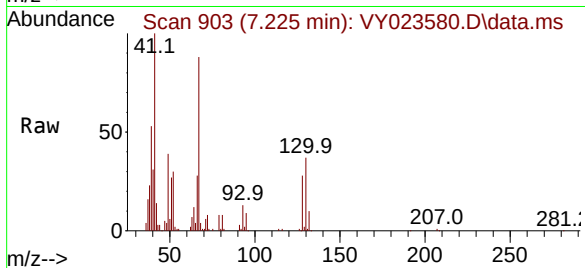
Tgt Ion: 78 Resp: 632004
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5





#41
Methacrylonitrile
Concen: 82.089 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

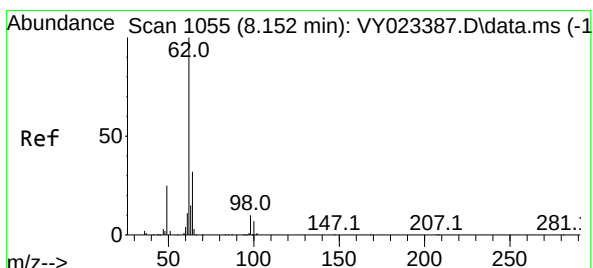
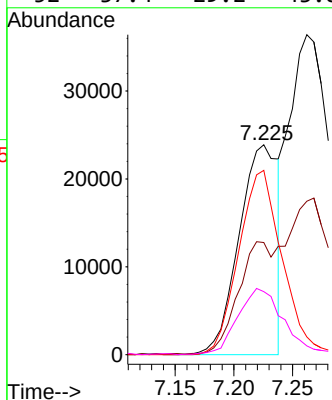
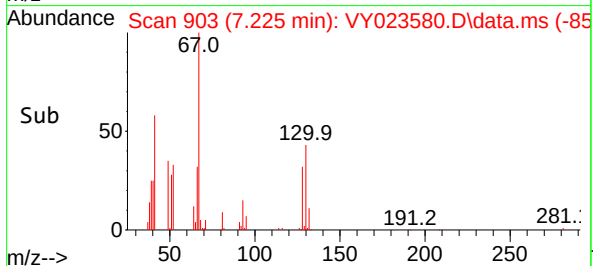
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



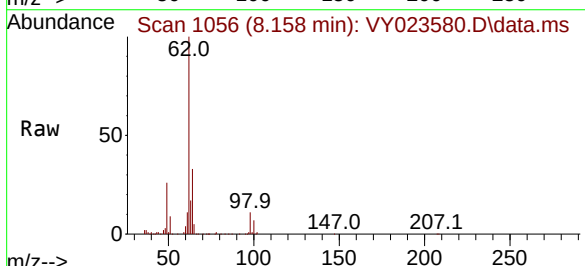
Tgt Ion: 41 Resp: 5523
Ion Ratio Lower Upper
41 100
39 45.4 52.2 78.4
67 97.8 74.9 112.3
52 37.4 29.2 43.8

Manual Integrations
APPROVED

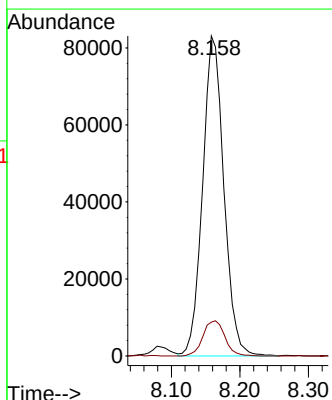
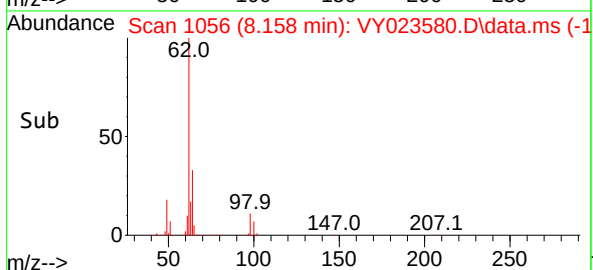
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

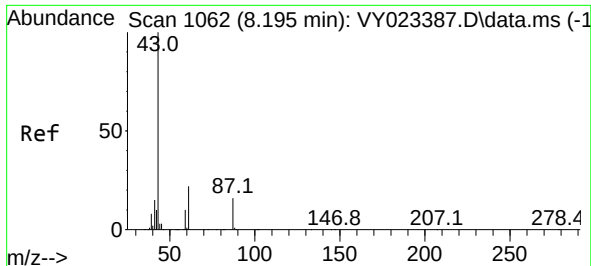


#42
1,2-Dichloroethane
Concen: 69.858 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



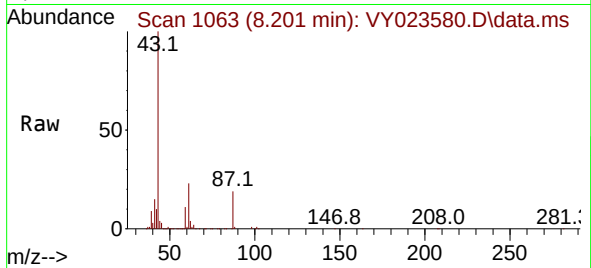
Tgt Ion: 62 Resp: 179164
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.6





#43
Isopropyl Acetate
Concen: 70.997 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

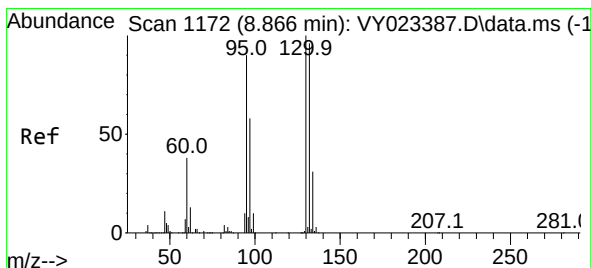
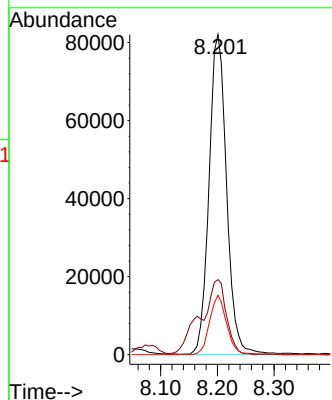
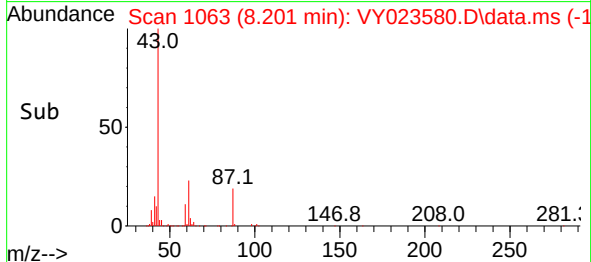
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 176110
Ion Ratio Lower Upper
43 100
61 22.9 18.1 27.1
87 17.8 13.5 20.3

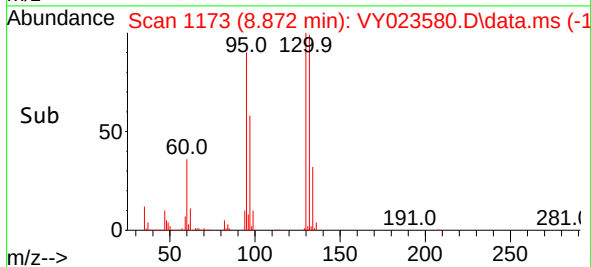
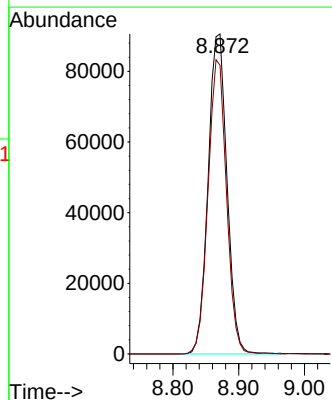
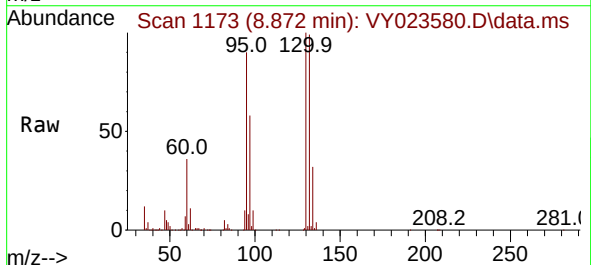
Manual Integrations
APPROVED

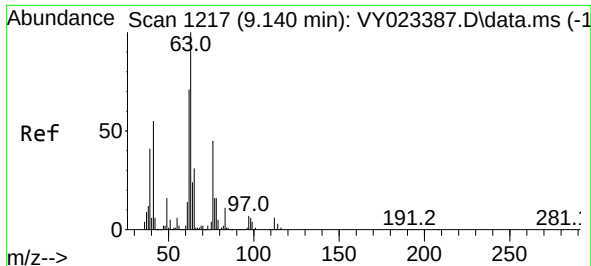
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 62.175 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion:130 Resp: 180969
Ion Ratio Lower Upper
130 100
95 90.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 63.908 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023580.D

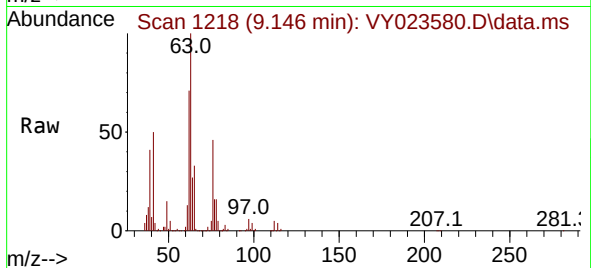
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion: 63 Resp: 14037

Ion Ratio Lower Upper

63 100

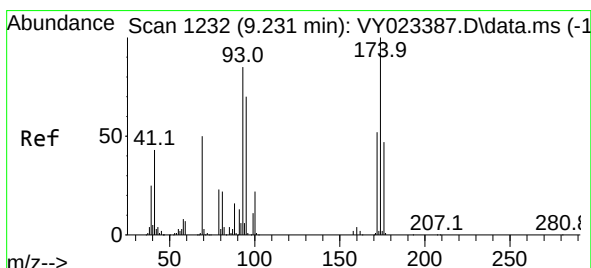
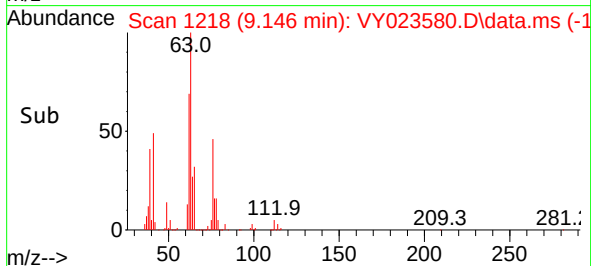
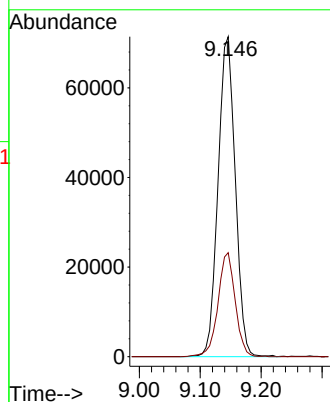
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 71.157 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

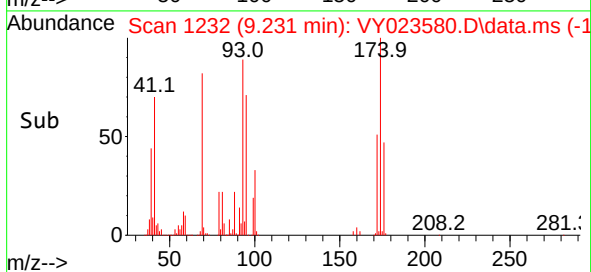
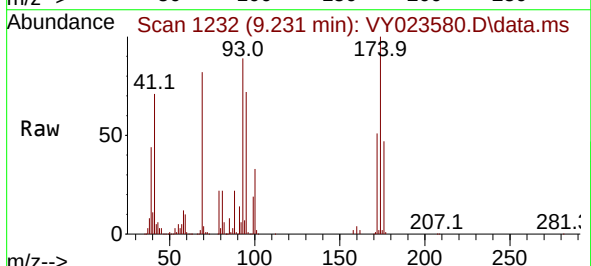
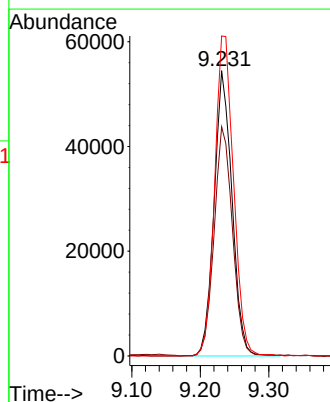
Tgt Ion: 93 Resp: 98831

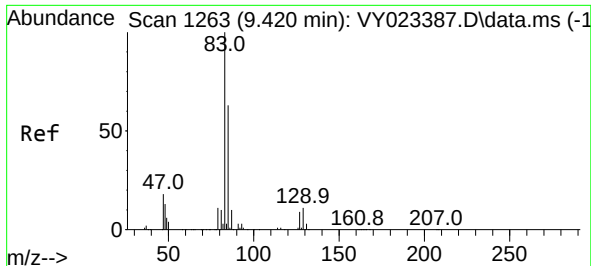
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.0

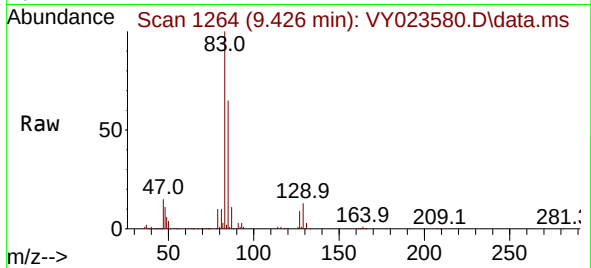
174 118.2 92.9 139.3





#47
Bromodichloromethane
Concen: 60.045 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

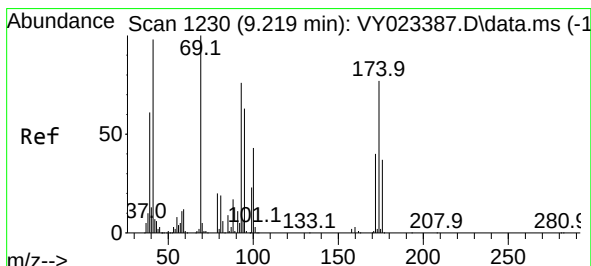
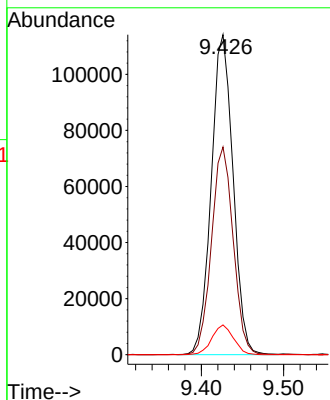
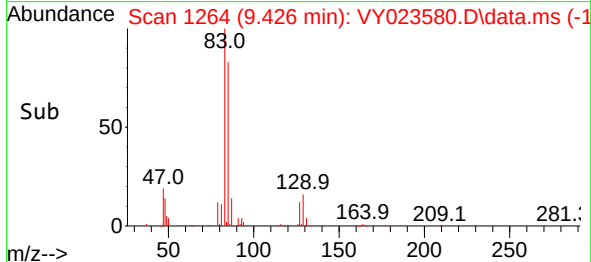
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 83 Resp: 21003
Ion Ratio Lower Upper
83 100
85 64.8 50.8 76.2
127 9.3 7.4 11.2

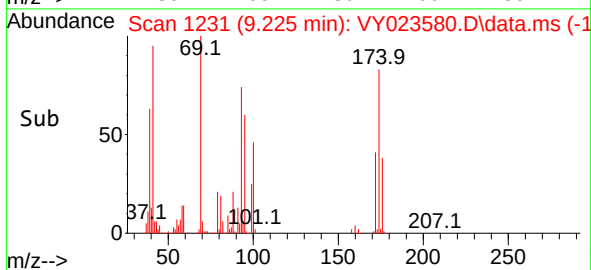
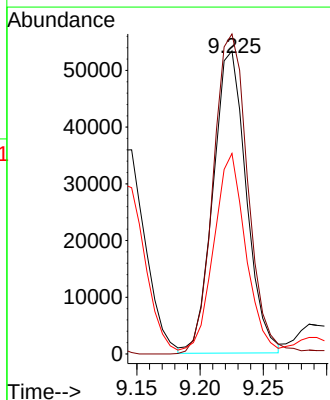
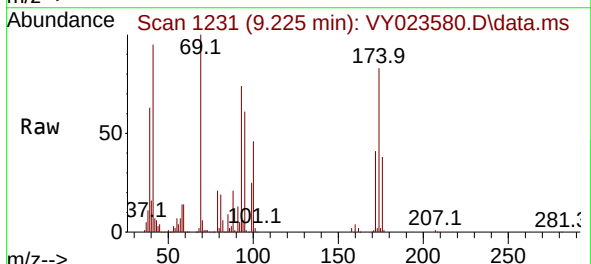
Manual Integrations
APPROVED

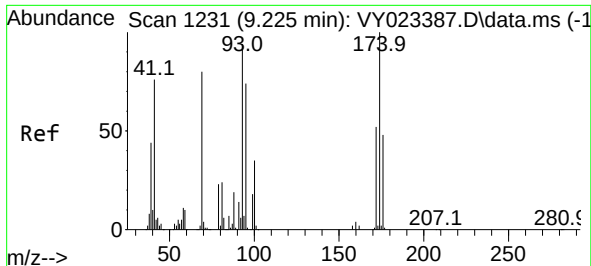
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 83.445 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion: 41 Resp: 97244
Ion Ratio Lower Upper
41 100
69 112.0 81.0 121.4
39 64.0 48.2 72.4





#49

1,4-Dioxane

Concen: 1802.611 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

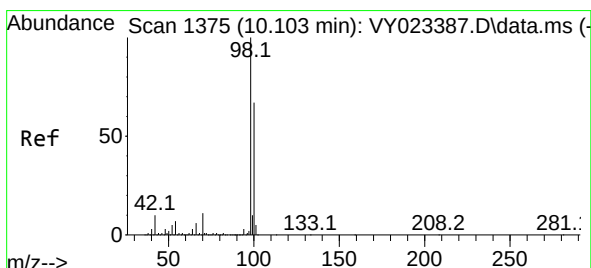
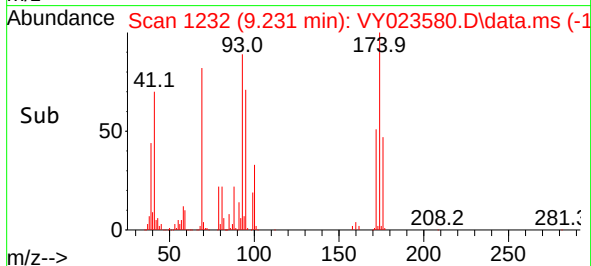
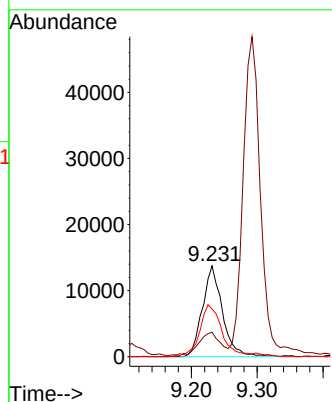
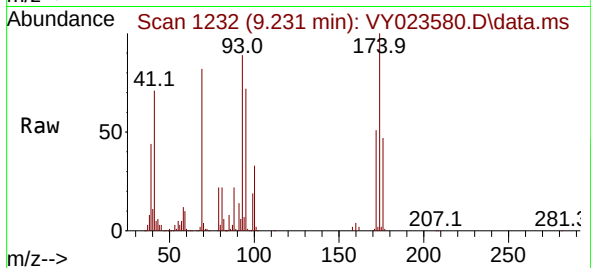
Tgt Ion: 88	Resp: 29028
Ion Ratio	Lower Upper
88 100	
43 27.8	21.8 32.8
58 65.9	46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 42.564 ug/l

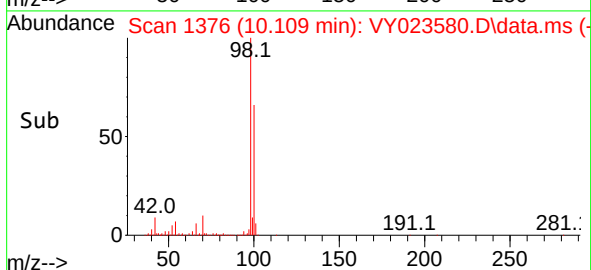
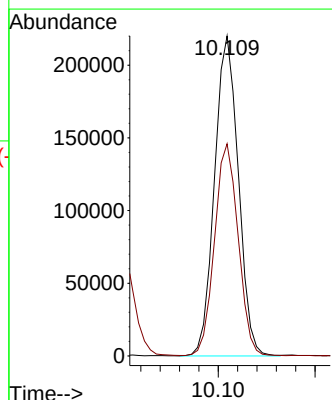
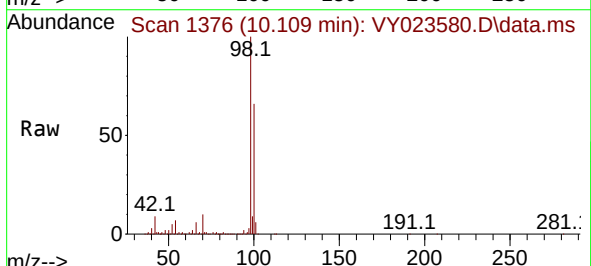
RT: 10.109 min Scan# 1376

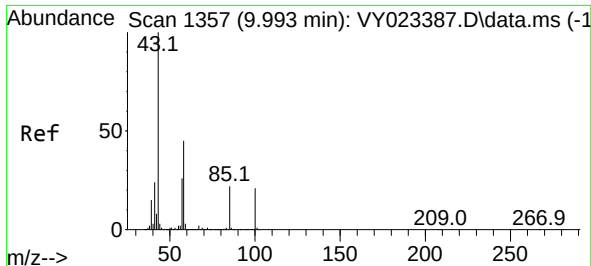
Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

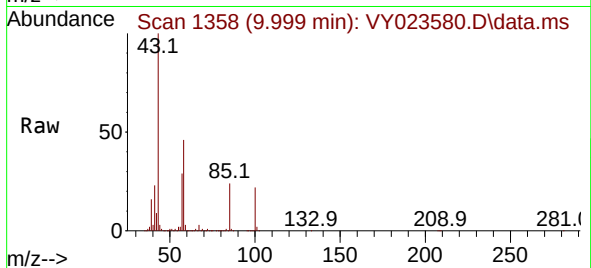
Tgt Ion: 98	Resp: 375970
Ion Ratio	Lower Upper
98 100	
100 65.6	53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 435.476 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

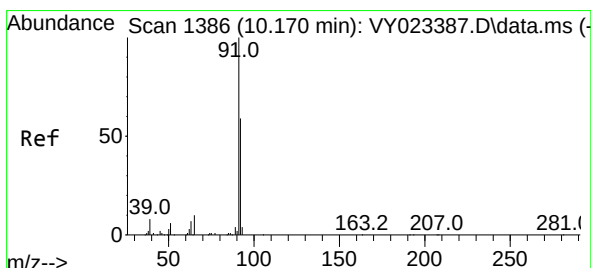
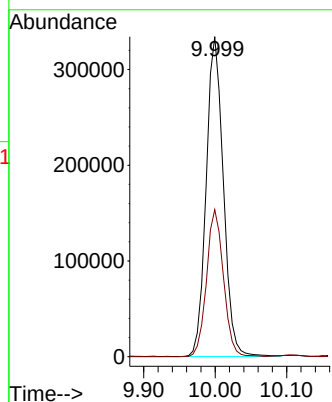
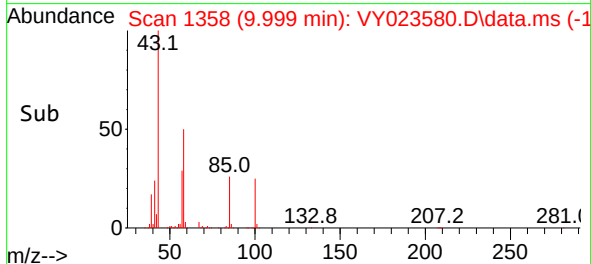
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 558124
Ion Ratio Lower Upper
43 100
58 45.3 35.3 52.9

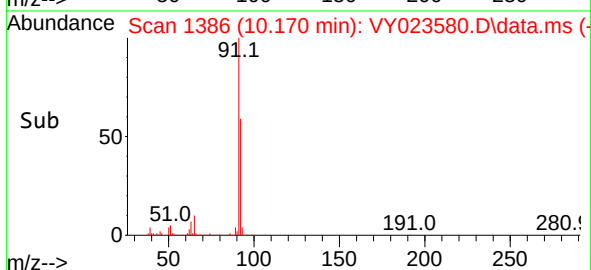
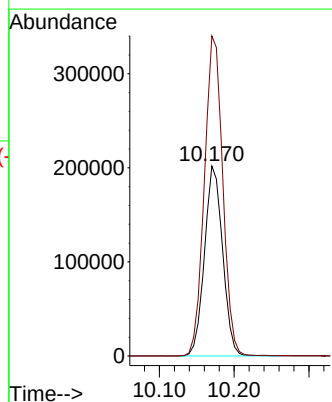
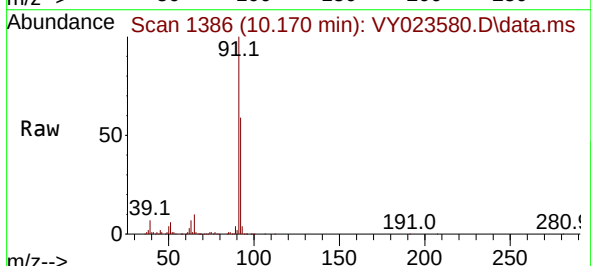
Manual Integrations
APPROVED

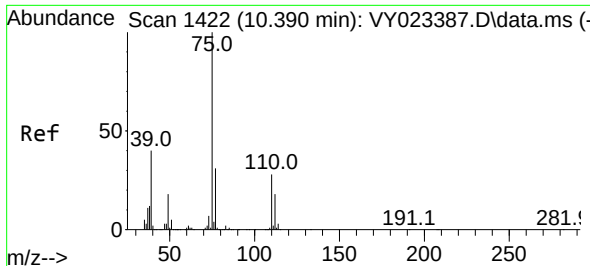
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 52.676 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

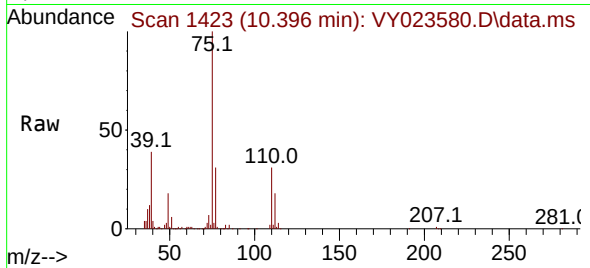
Tgt Ion: 92 Resp: 340114
Ion Ratio Lower Upper
92 100
91 170.9 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 31.118 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

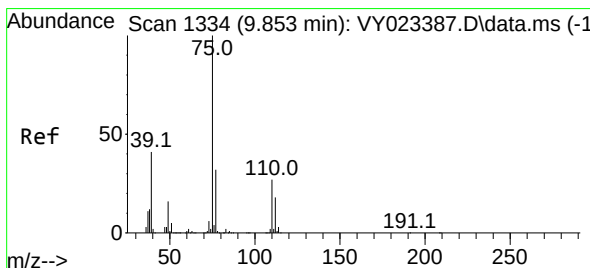
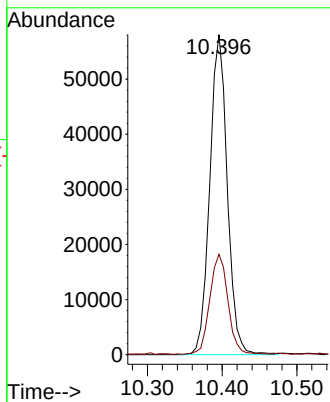
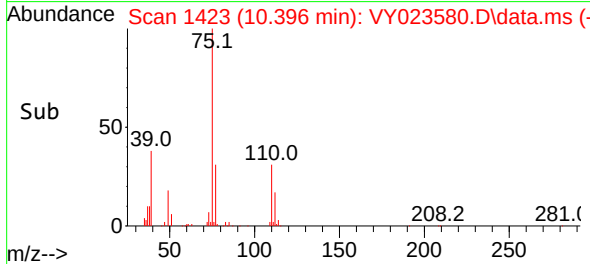
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 75 Resp: 94649
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7

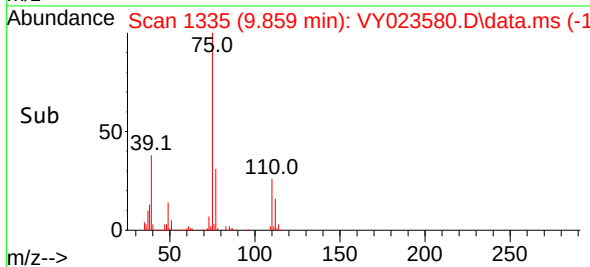
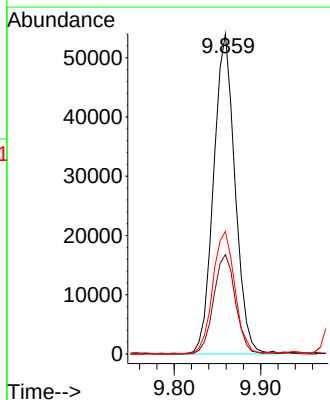
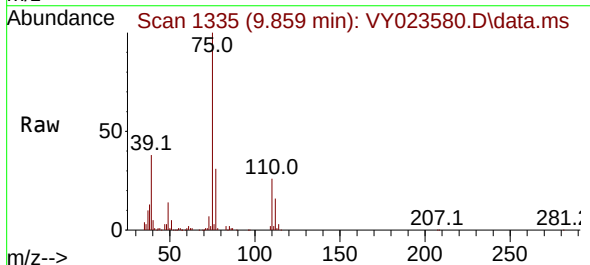
Manual Integrations
APPROVED

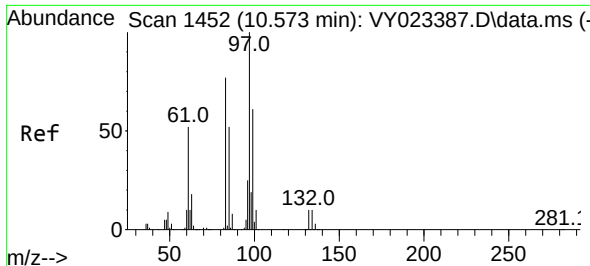
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 25.864 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

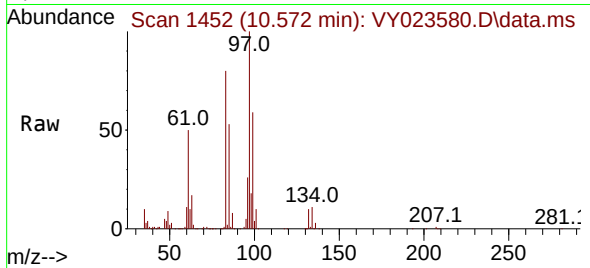
Tgt Ion: 75 Resp: 92845
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 38.0 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 74.829 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

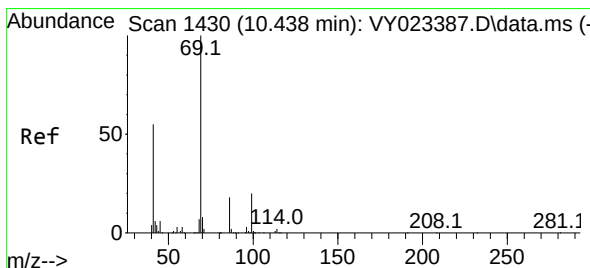
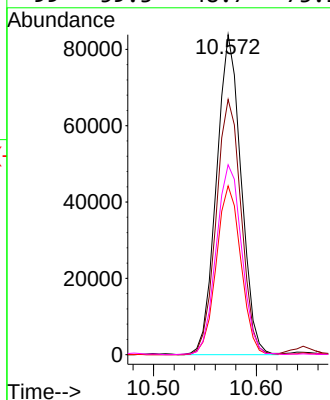
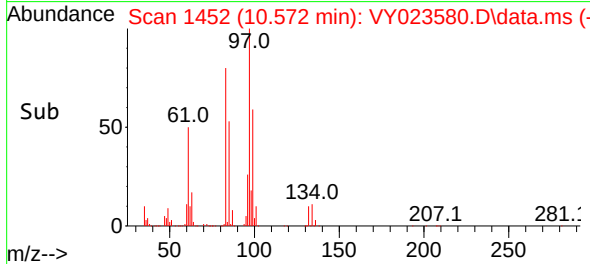
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



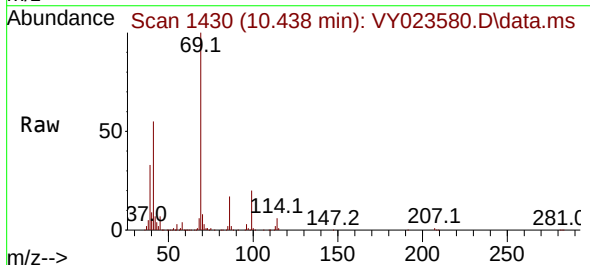
Tgt Ion: 97	Resp: 139759
Ion Ratio	Lower Upper
97 100	
83 79.8	61.8 92.6
85 52.7	41.3 61.9
99 59.3	48.7 73.1

Manual Integrations
APPROVED

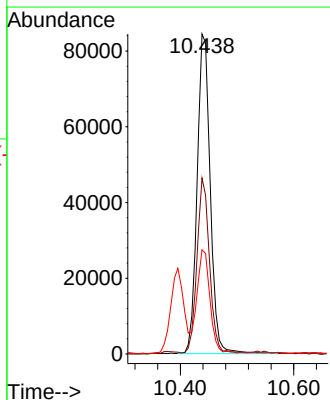
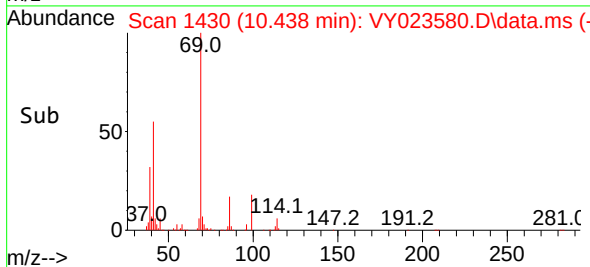
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

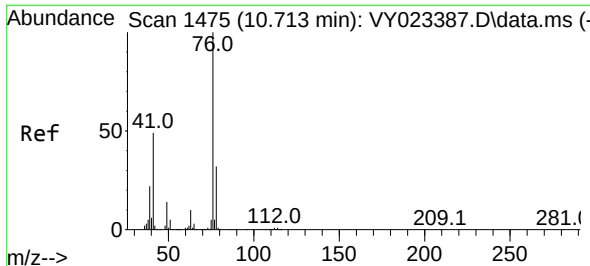


#56
Ethyl methacrylate
Concen: 62.883 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



Tgt Ion: 69	Resp: 135479
Ion Ratio	Lower Upper
69 100	
41 51.7	44.6 67.0
39 32.5	27.0 40.4





#57

1,3-Dichloropropane

Concen: 69.983 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023580.D

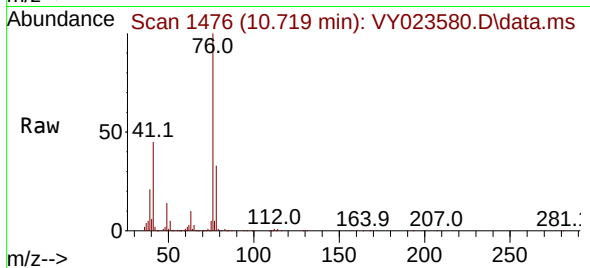
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion: 76 Resp: 20712

Ion Ratio Lower Upper

76 100

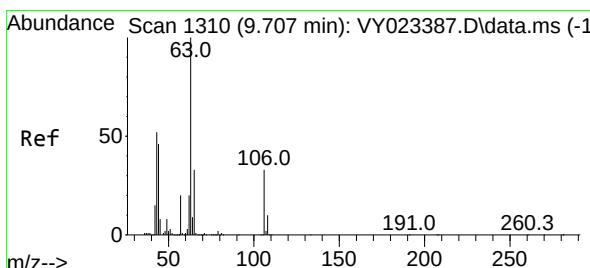
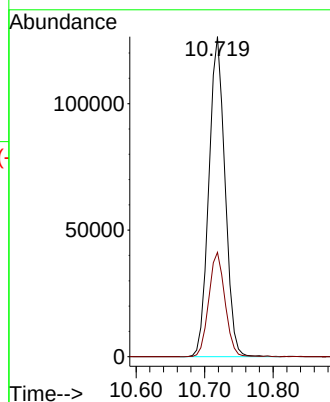
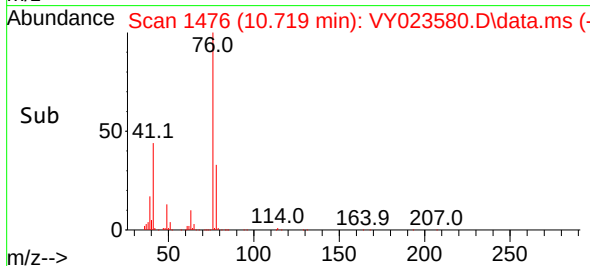
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 363.168 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023580.D

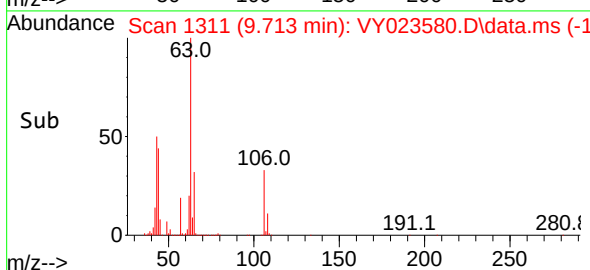
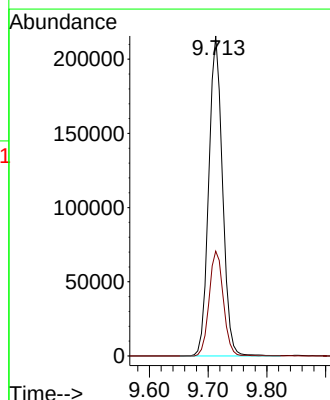
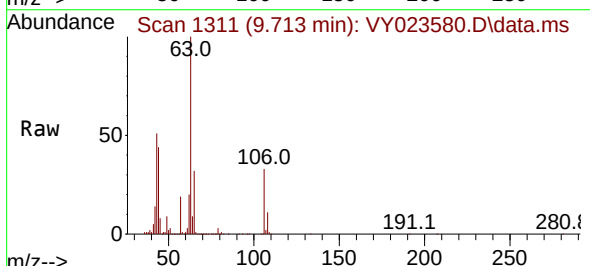
Acq: 24 Oct 2025 17:58

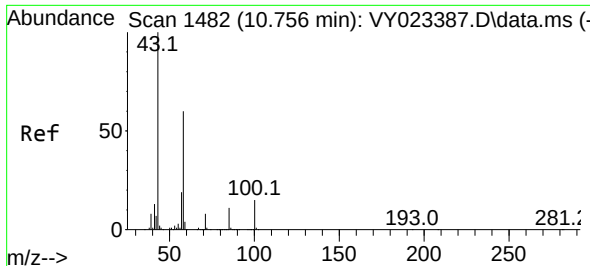
Tgt Ion: 63 Resp: 350506

Ion Ratio Lower Upper

63 100

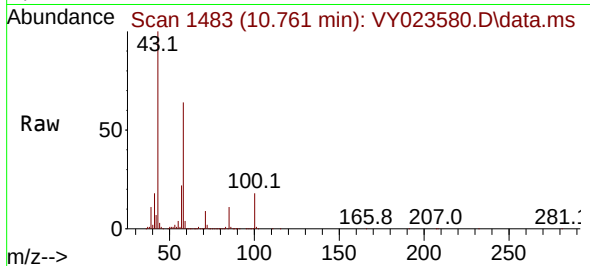
106 33.8 26.6 39.8





#59
2-Hexanone
Concen: 409.508 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

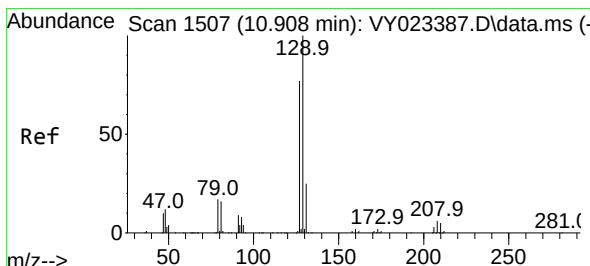
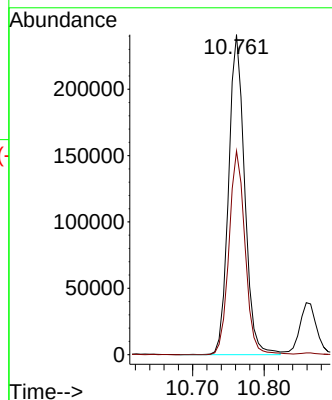
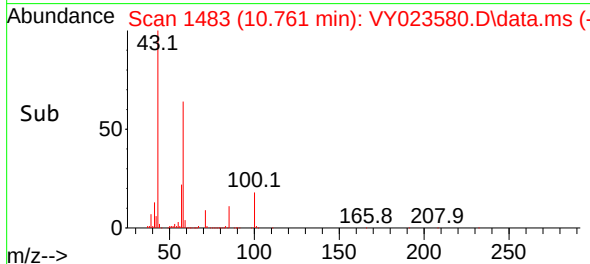
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion: 43 Resp: 375070
Ion Ratio Lower Upper
43 100
58 63.7 30.5 91.5

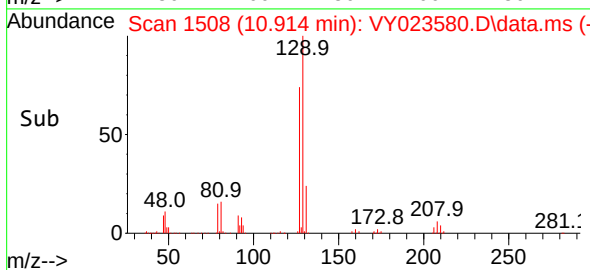
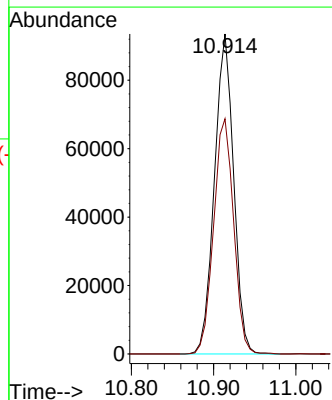
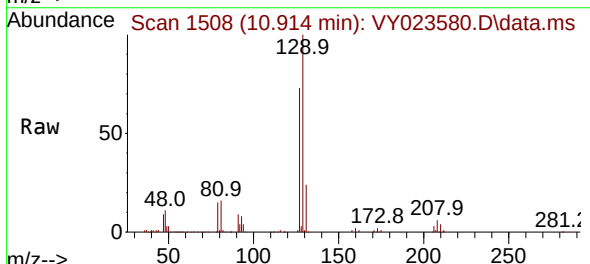
Manual Integrations
APPROVED

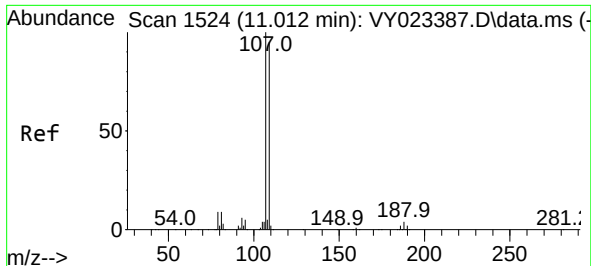
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 57.938 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

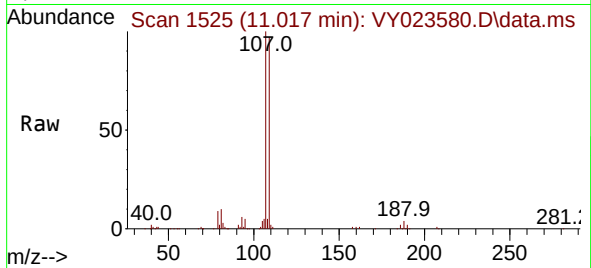
Tgt Ion:129 Resp: 151716
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 66.185 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

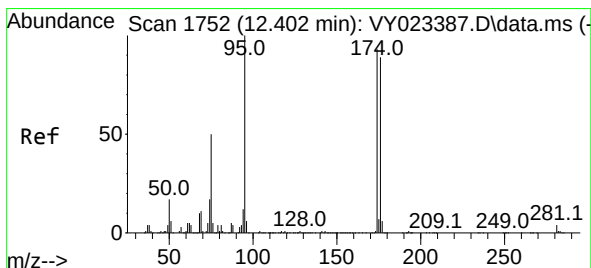
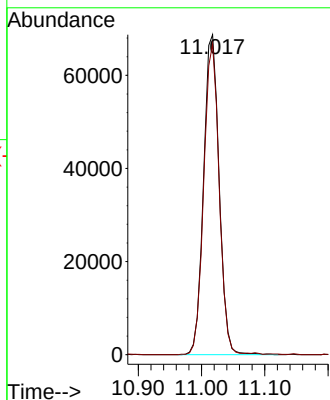
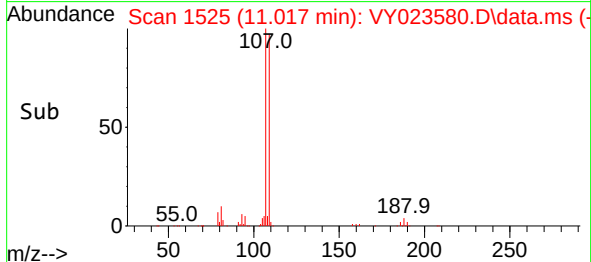
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:107 Resp: 11789
Ion Ratio Lower Upper
107 100
109 95.8 76.1 114.1

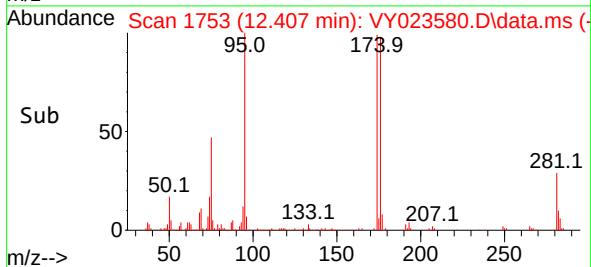
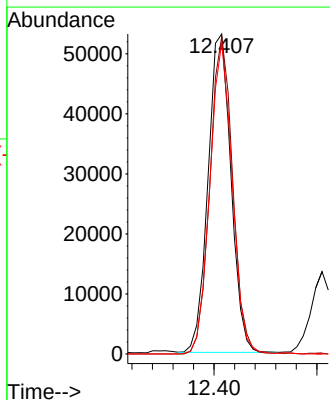
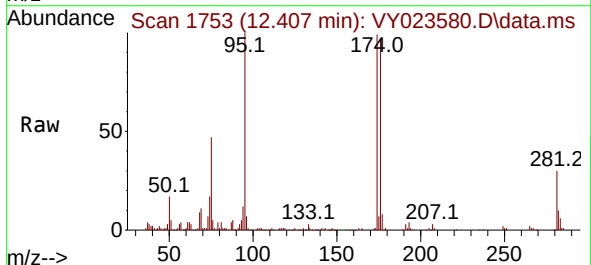
Manual Integrations
APPROVED

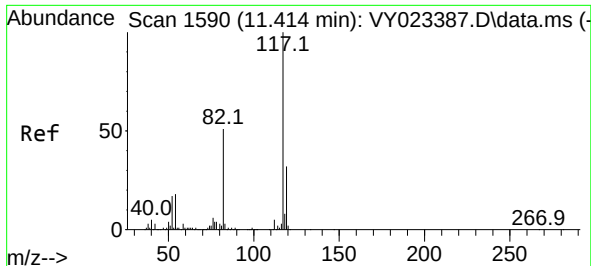
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 28.198 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

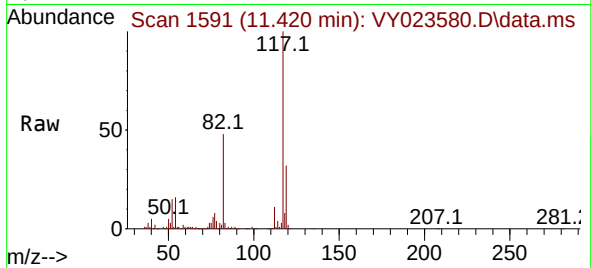
Tgt Ion: 95 Resp: 82232
Ion Ratio Lower Upper
95 100
174 98.0 0.0 192.8
176 95.1 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

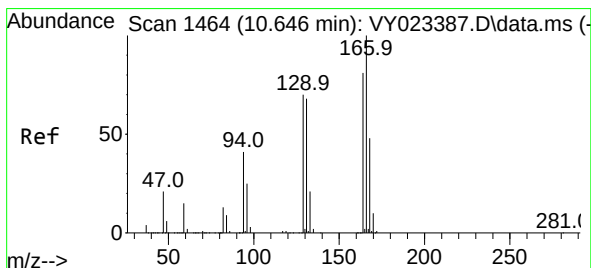
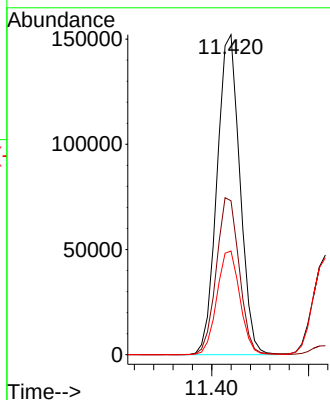
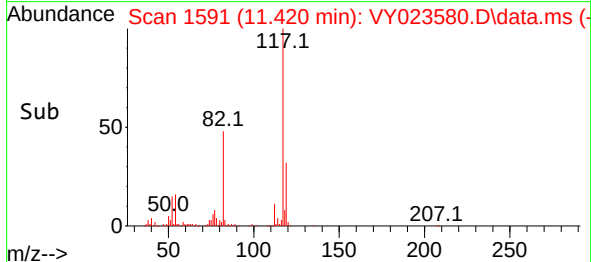
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion:117 Resp: 249668
Ion Ratio Lower Upper
117 100
82 48.1 41.0 61.4
119 32.4 25.6 38.4

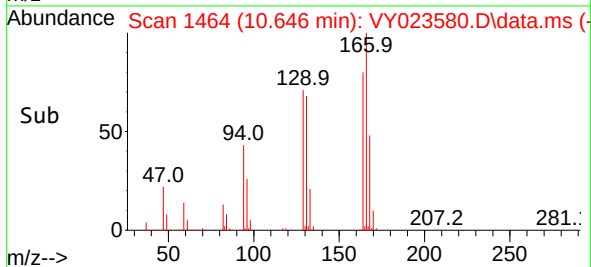
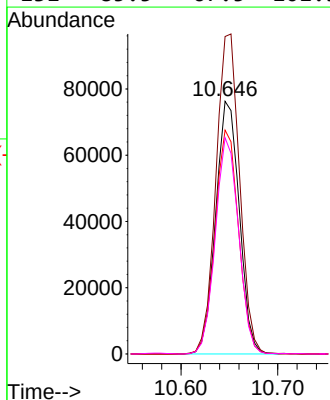
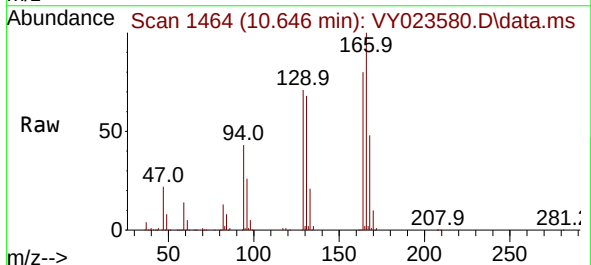
Manual Integrations
APPROVED

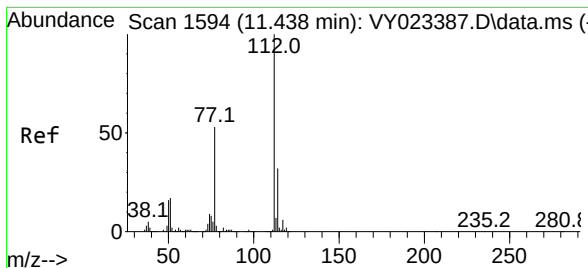
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 50.180 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

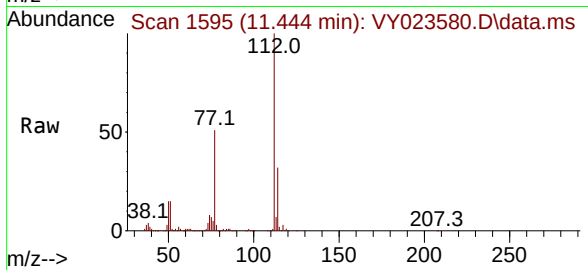
Tgt Ion:164 Resp: 129361
Ion Ratio Lower Upper
164 100
166 125.7 99.4 149.0
129 88.6 69.4 104.2
131 85.5 67.5 101.3





#65
Chlorobenzene
Concen: 56.455 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

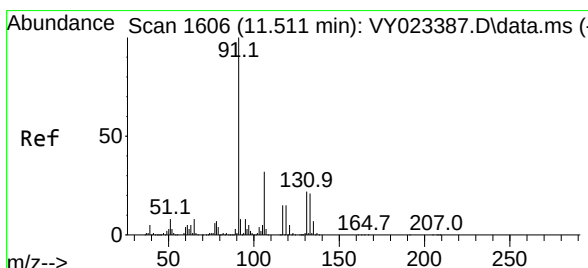
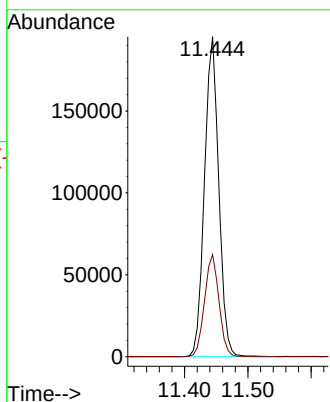
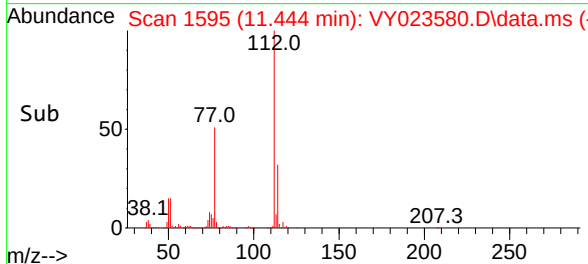
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:112 Resp: 306560
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

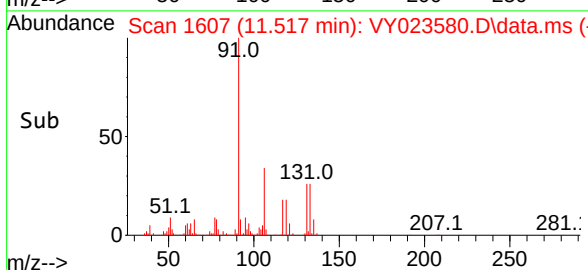
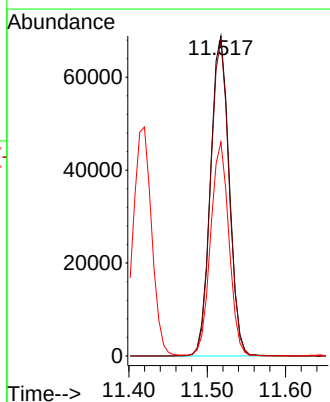
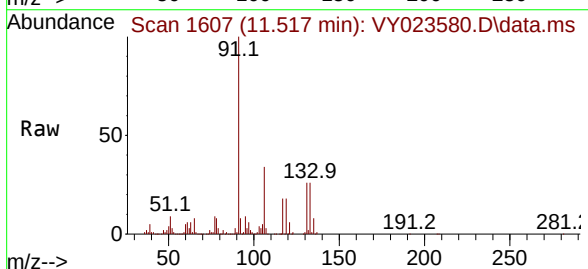
Manual Integrations
APPROVED

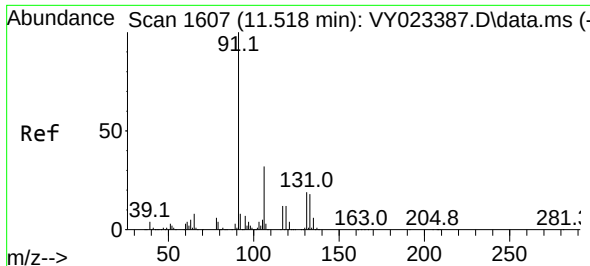
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 59.065 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion:131 Resp: 114295
Ion Ratio Lower Upper
131 100
133 97.3 48.4 145.2
119 65.4 32.4 97.2





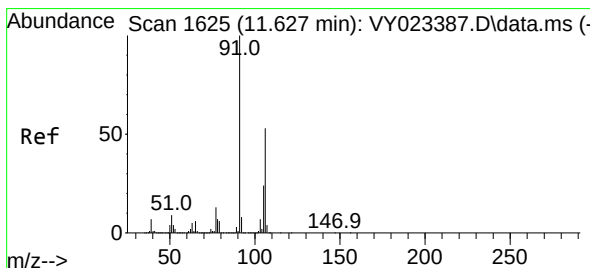
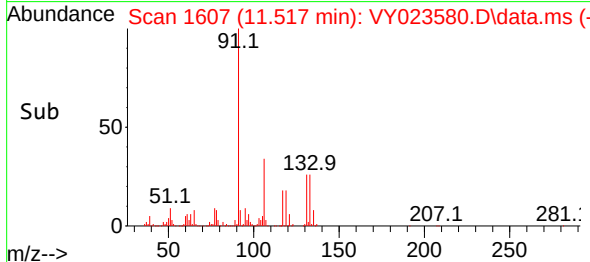
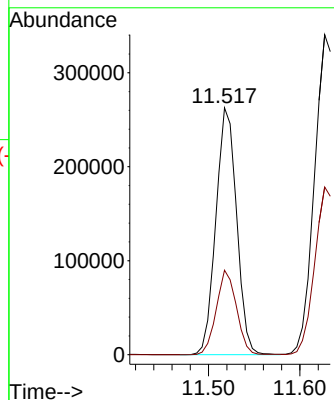
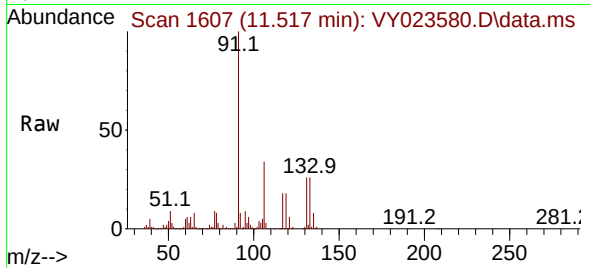
#67
Ethyl Benzene
Concen: 47.133 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

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

Tgt Ion: 91 Resp: 41428
Ion Ratio Lower Upper
91 100
106 34.2 25.8 38.8

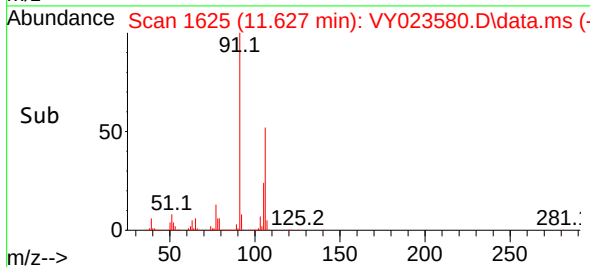
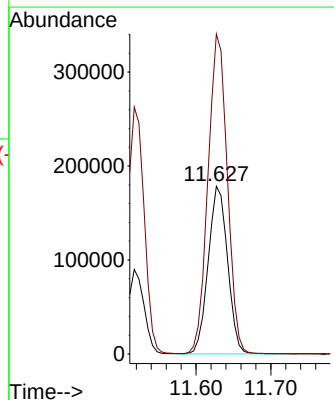
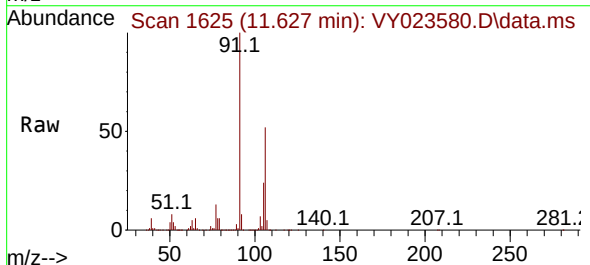
Manual Integrations
APPROVED

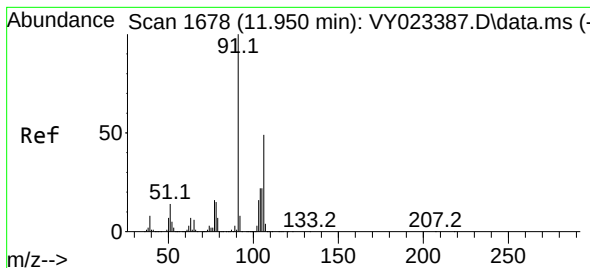
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 90.836 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion:106 Resp: 320246
Ion Ratio Lower Upper
106 100
91 191.0 152.6 229.0





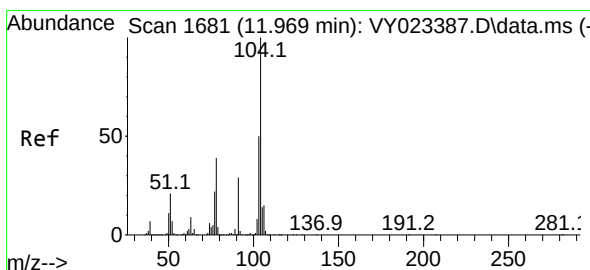
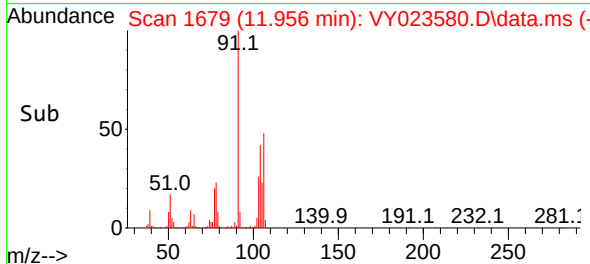
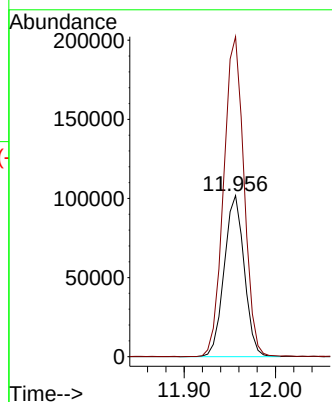
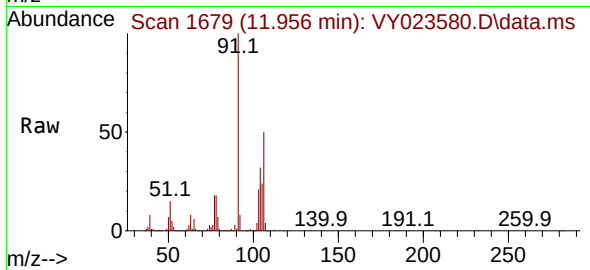
#69
o-Xylene
Concen: 46.969 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

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

Tgt Ion:106 Resp: 155319
Ion Ratio Lower Upper
106 100
91 201.6 101.4 304.1

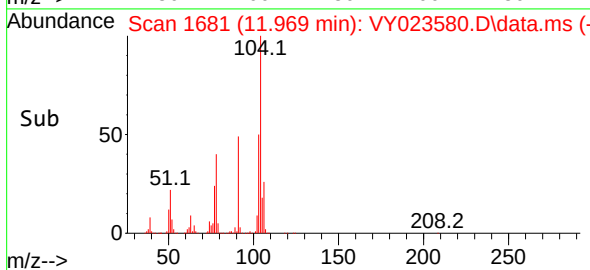
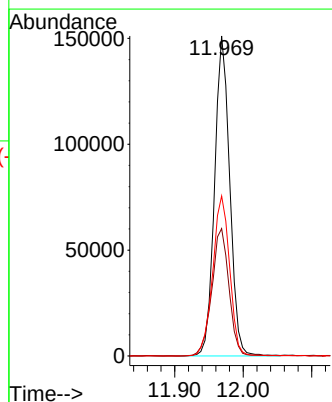
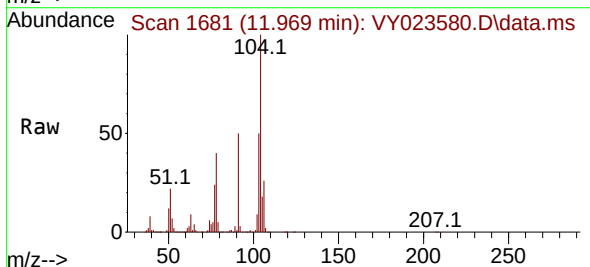
Manual Integrations
APPROVED

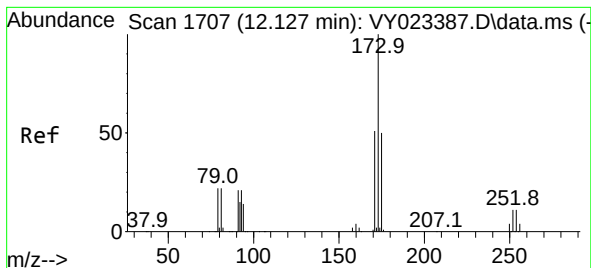
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 42.682 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion:104 Resp: 232107
Ion Ratio Lower Upper
104 100
78 45.2 36.1 54.1
103 55.7 43.2 64.8





#71

Bromoform

Concen: 72.989 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:173 Resp: 87609

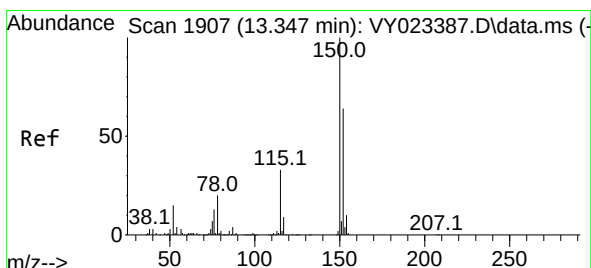
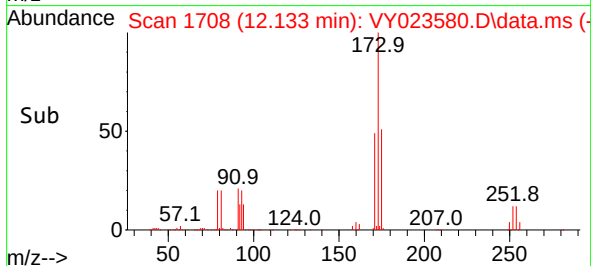
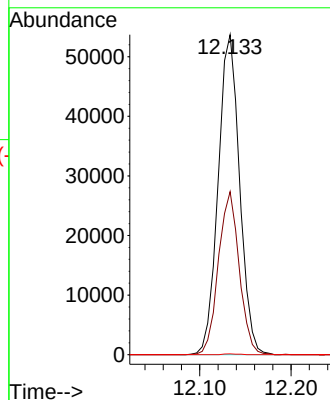
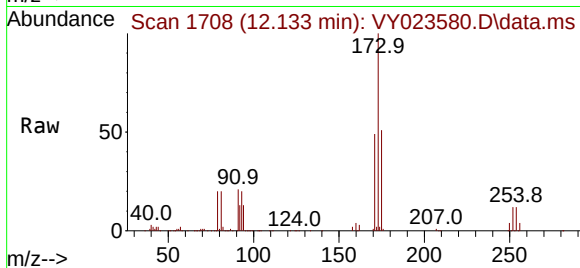
Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

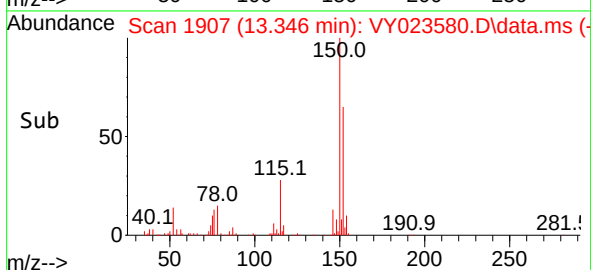
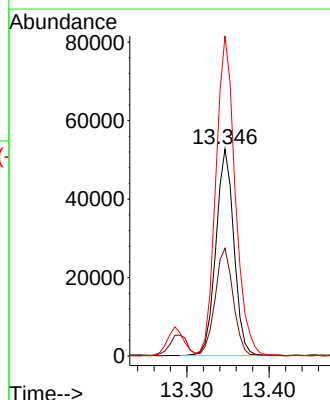
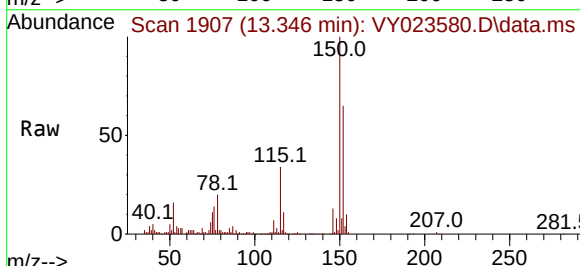
Delta R.T. -0.000 min

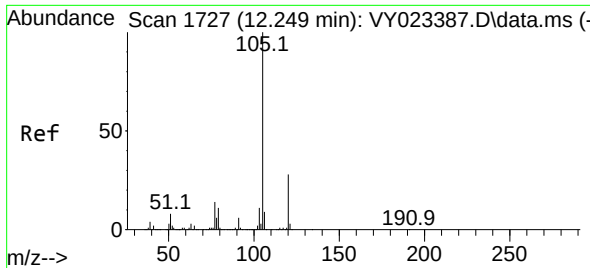
Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Tgt Ion:152 Resp: 80067

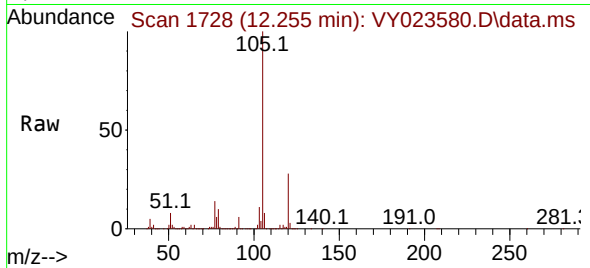
Ion	Ratio	Lower	Upper
152	100		
115	52.8	27.1	81.2
150	166.8	0.0	347.4





#73
Isopropylbenzene
Concen: 49.659 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

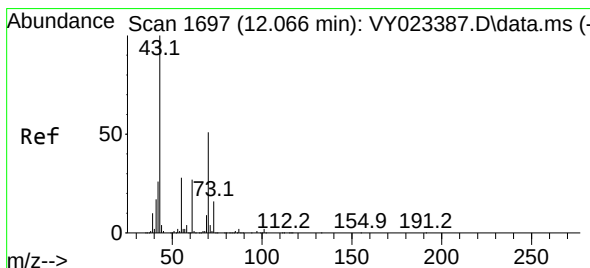
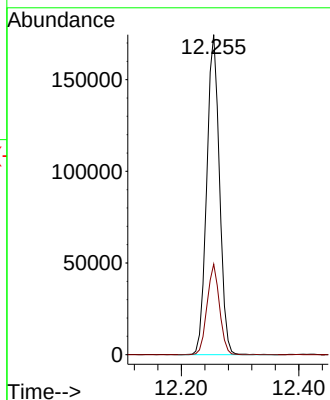
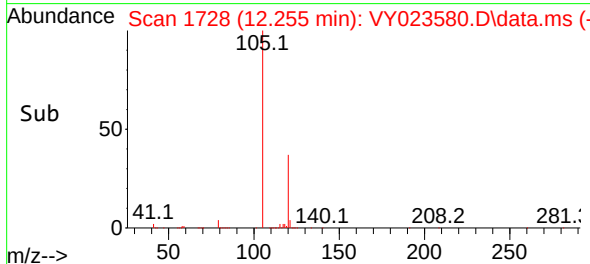
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



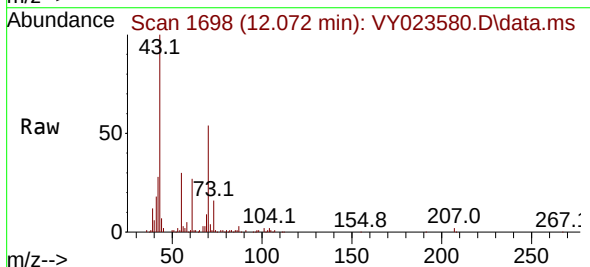
Tgt Ion: 105 Resp: 26202
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7

Manual Integrations
APPROVED

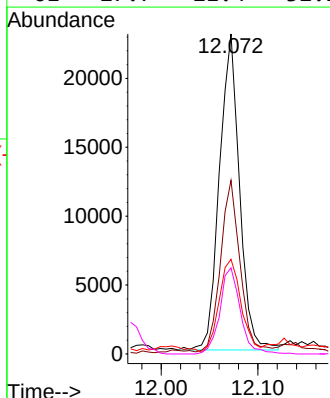
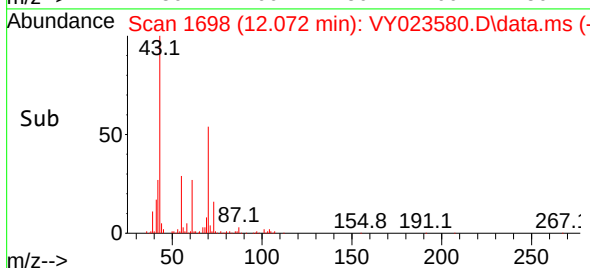
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

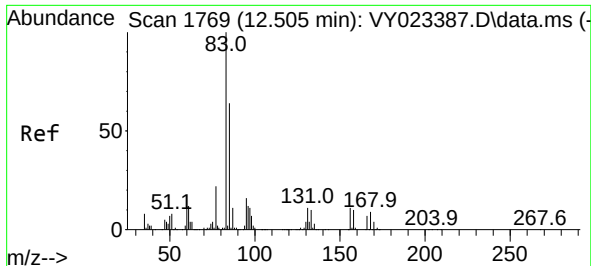


#74
N-ethyl acetate
Concen: 34.919 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



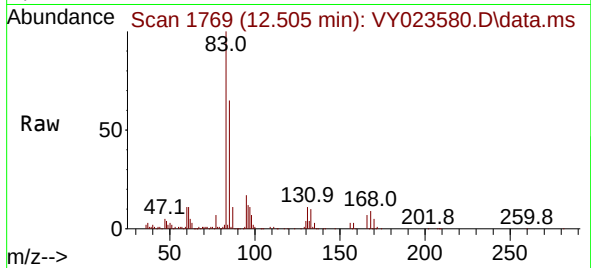
Tgt Ion: 43 Resp: 33094
Ion Ratio Lower Upper
43 100
70 52.6 41.1 61.7
55 32.1 23.0 34.6
61 27.7 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 141.207 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

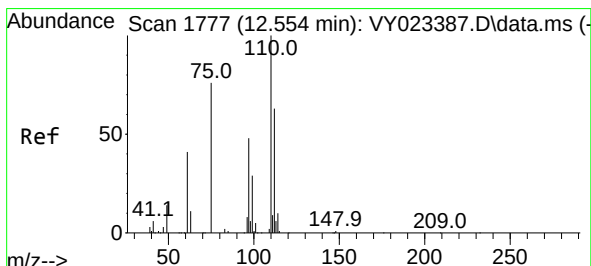
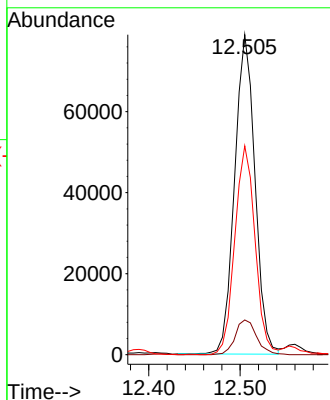
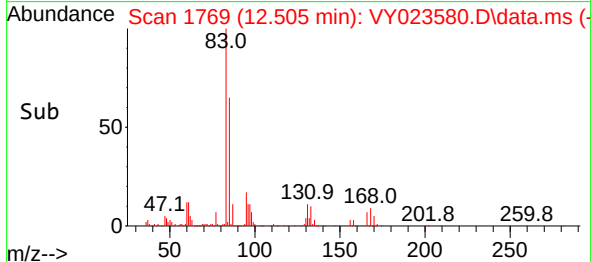
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 83 Resp: 12186
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 65.2 31.8 95.3

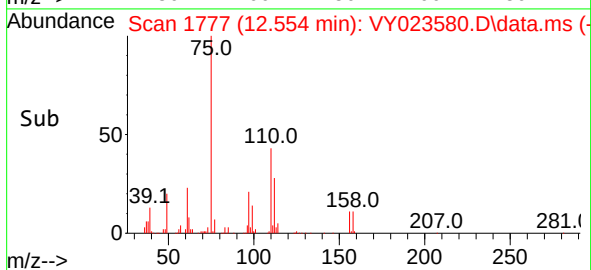
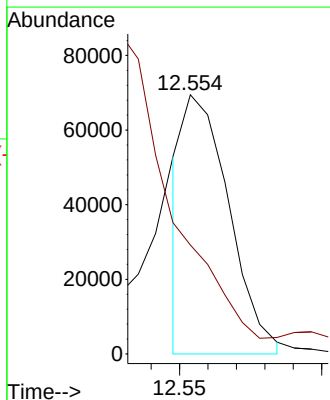
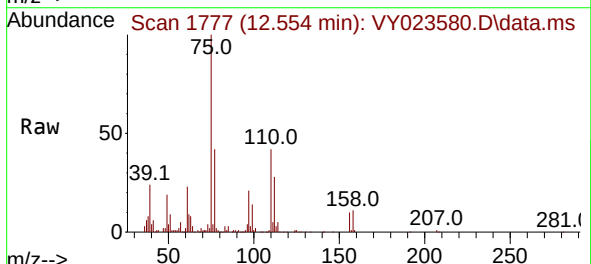
Manual Integrations
APPROVED

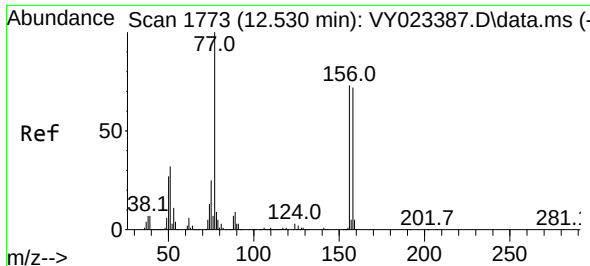
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 109.805 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

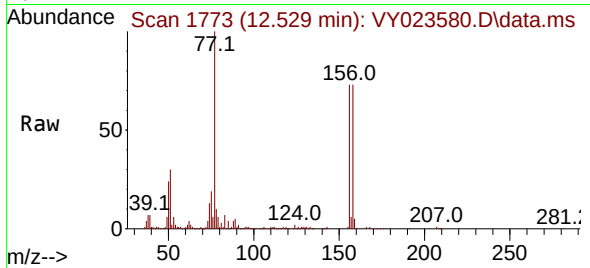
Tgt Ion: 75 Resp: 77567
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 72.684 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

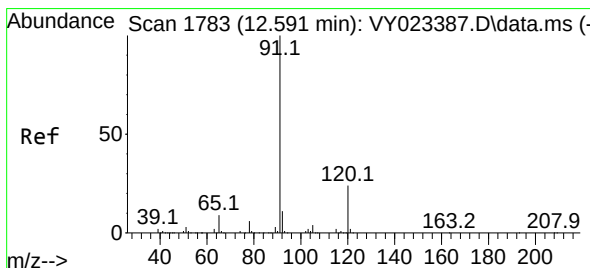
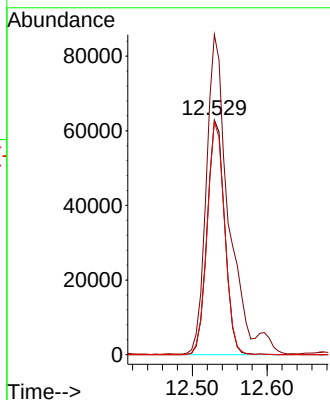
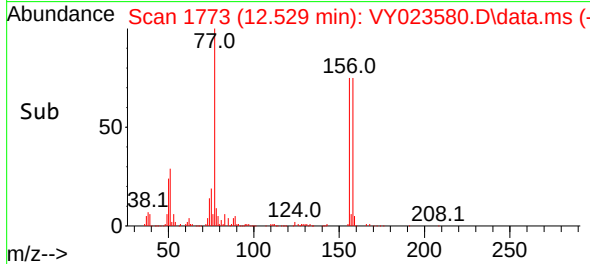
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



Tgt Ion:156 Resp: 101958
Ion Ratio Lower Upper
156 100
77 168.3 76.8 230.5
158 99.0 49.0 147.2

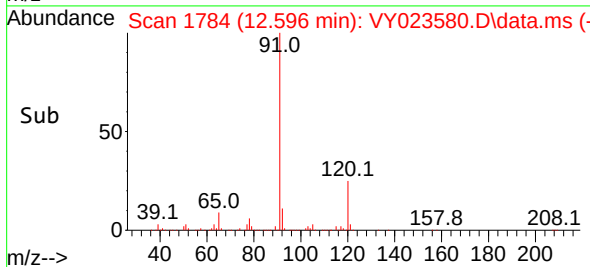
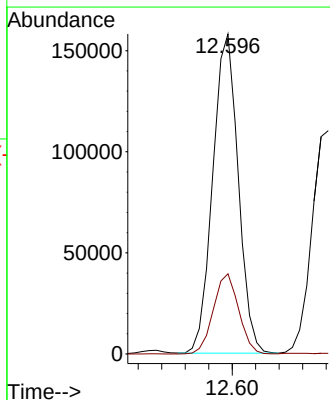
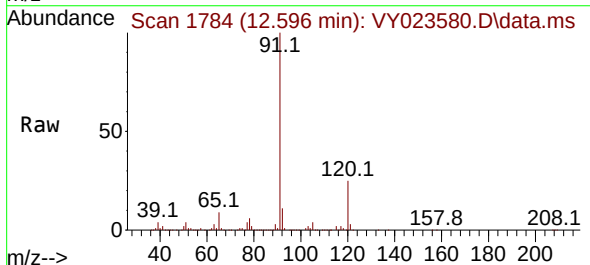
Manual Integrations
APPROVED

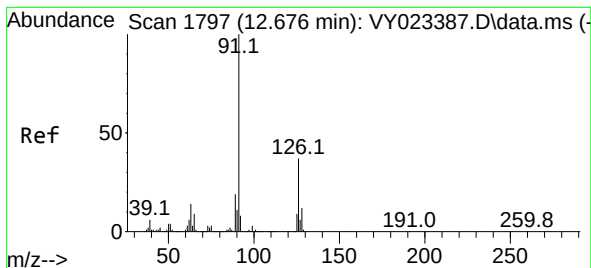
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 38.877 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

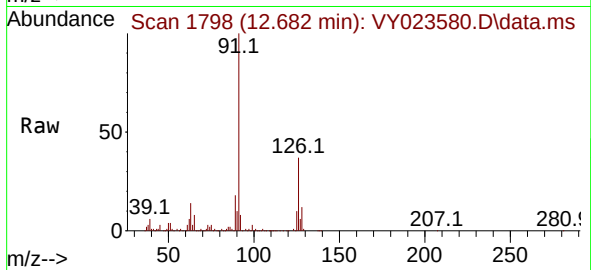
Tgt Ion: 91 Resp: 237385
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.8





#79
2-Chlorotoluene
Concen: 48.007 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

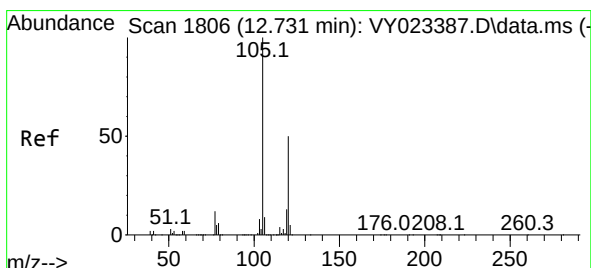
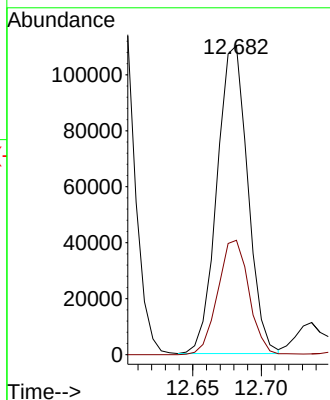
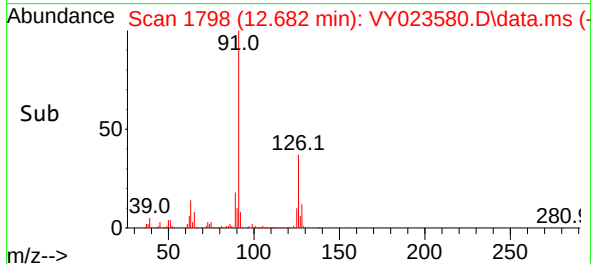
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



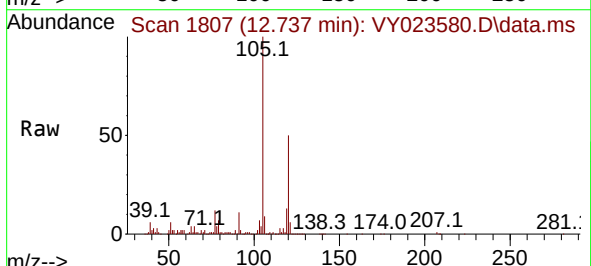
Tgt Ion: 91 Resp: 171658
Ion Ratio Lower Upper
91 100
126 37.8 18.5 55.5

Manual Integrations
APPROVED

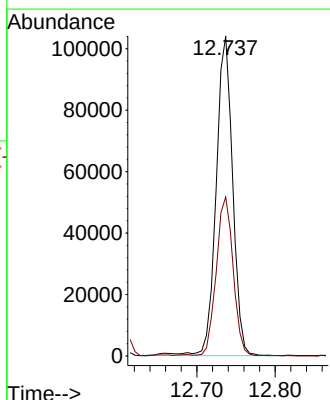
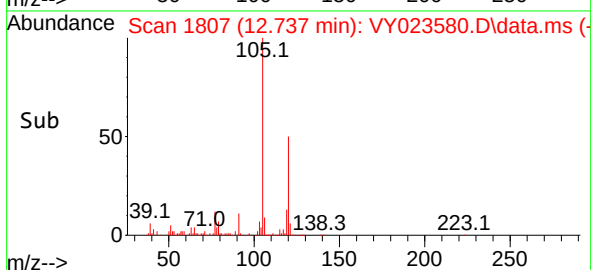
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

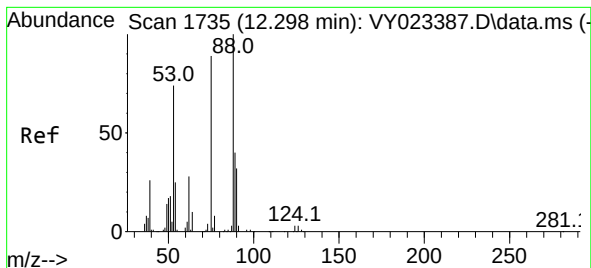


#80
1,3,5-Trimethylbenzene
Concen: 35.627 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



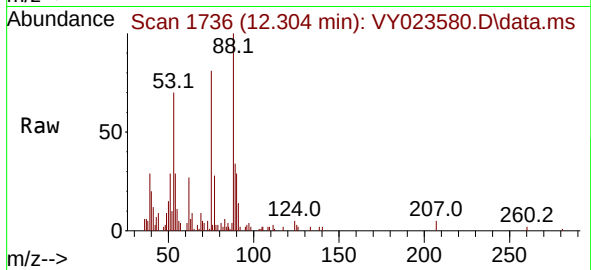
Tgt Ion:105 Resp: 151905
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 26.414 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

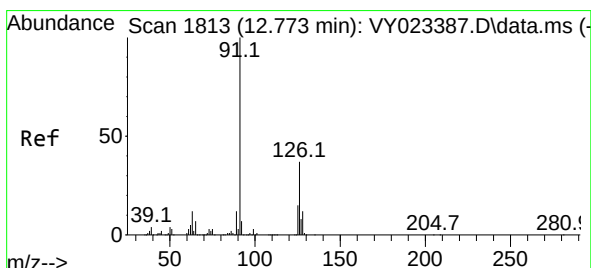
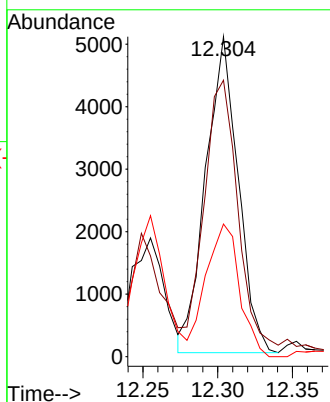
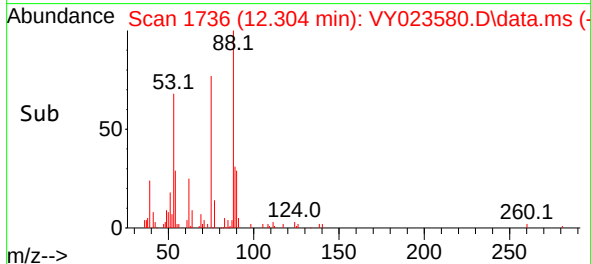
Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021MS



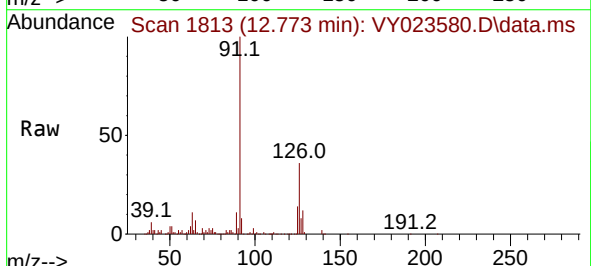
Tgt Ion: 75 Resp: 7609
Ion Ratio Lower Upper
75 100
53 91.5 68.6 102.8
89 43.5 39.0 58.4

Manual Integrations
APPROVED

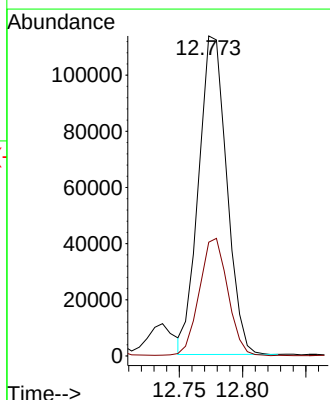
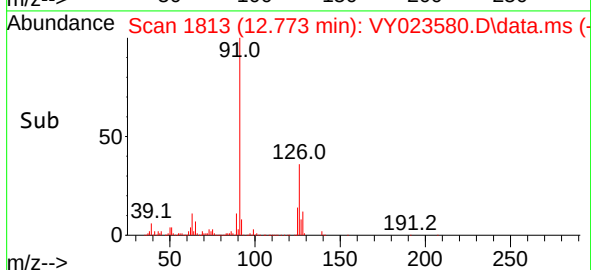
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

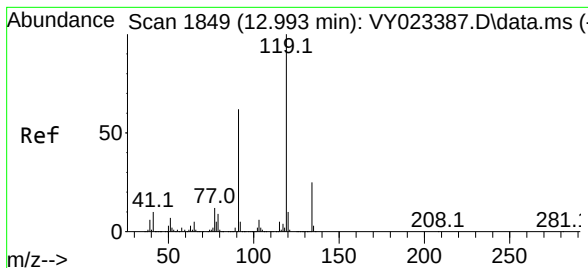


#82
4-Chlorotoluene
Concen: 47.685 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



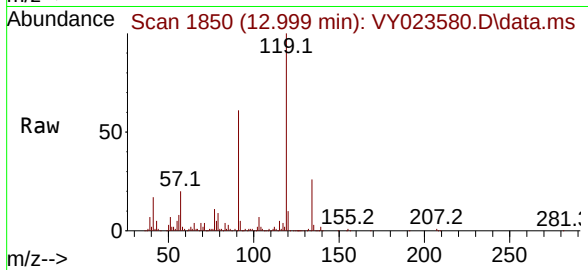
Tgt Ion: 91 Resp: 175602
Ion Ratio Lower Upper
91 100
126 37.4 18.4 55.4





#83
tert-Butylbenzene
Concen: 31.376 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

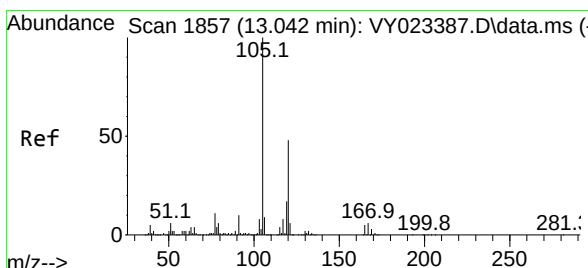
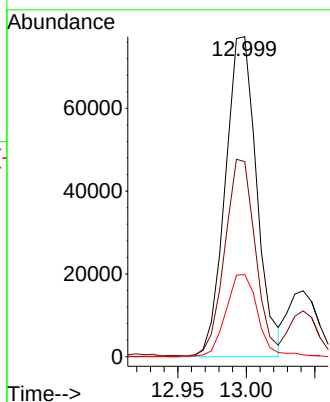
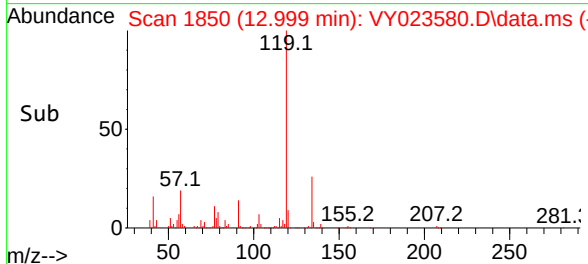
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



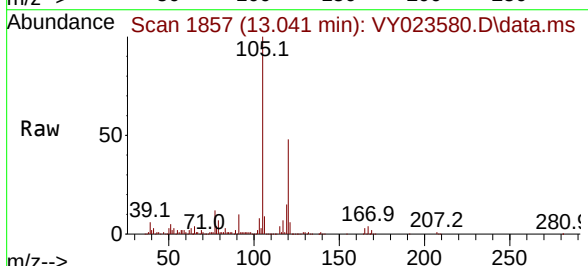
Tgt Ion:119 Resp: 12352
Ion Ratio Lower Upper
119 100
91 59.7 29.9 89.8
134 26.2 12.9 38.7

Manual Integrations
APPROVED

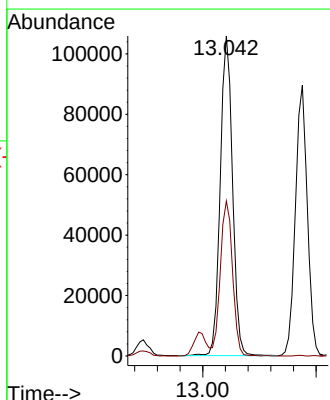
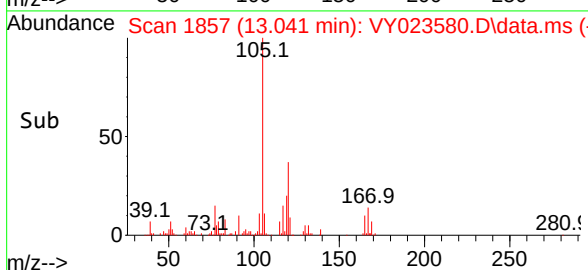
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

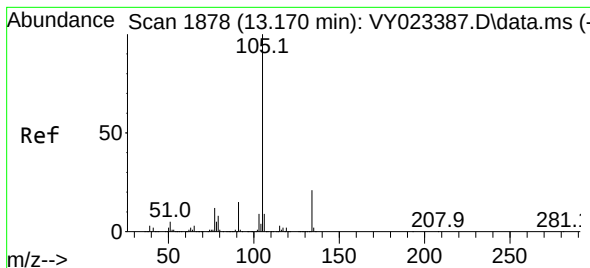


#84
1,2,4-Trimethylbenzene
Concen: 37.266 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



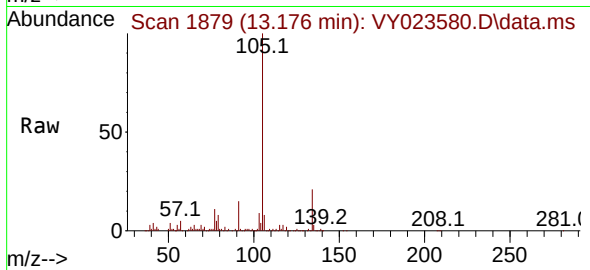
Tgt Ion:105 Resp: 158575
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 23.012 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023580.D
 Acq: 24 Oct 2025 17:58

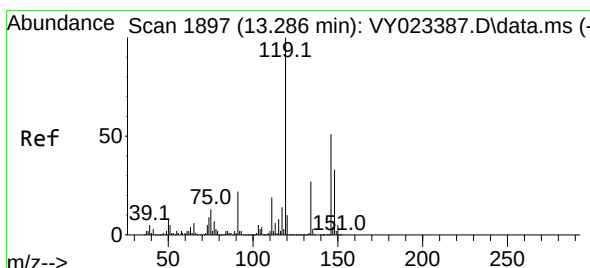
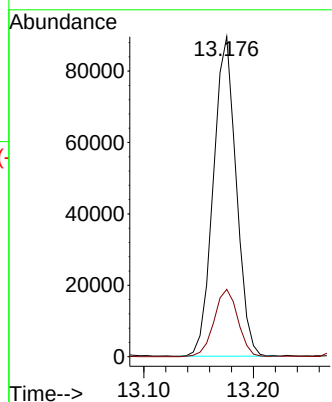
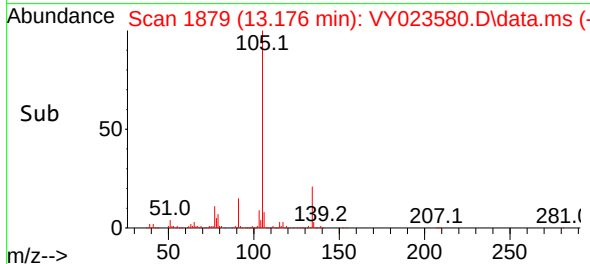
Instrument :
 MSVOA_Y
 ClientSampleId :
 PR-132-S16-015094-20251021MS



Tgt Ion:105 Resp: 12995
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.7 32.1

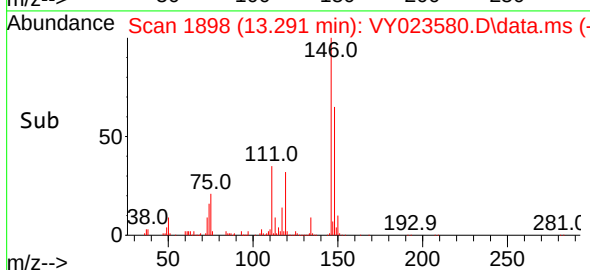
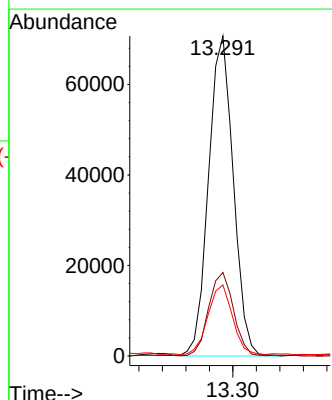
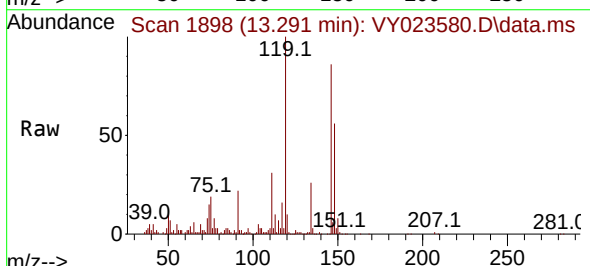
Manual Integrations
 APPROVED

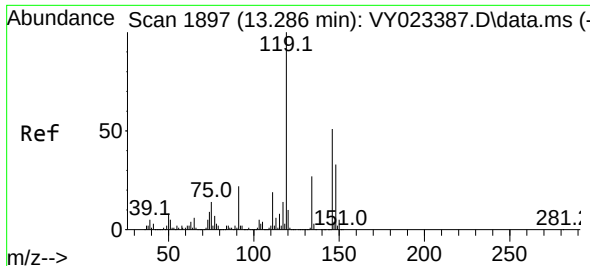
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 21.524 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023580.D
 Acq: 24 Oct 2025 17:58

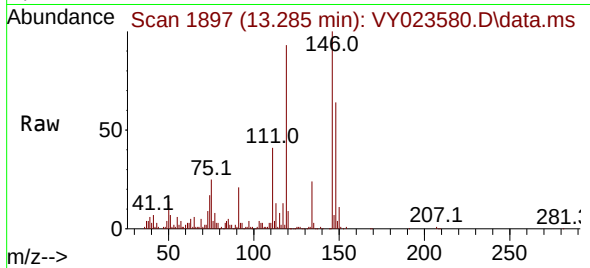
Tgt Ion:119 Resp: 103491
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 21.5 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 38.110 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

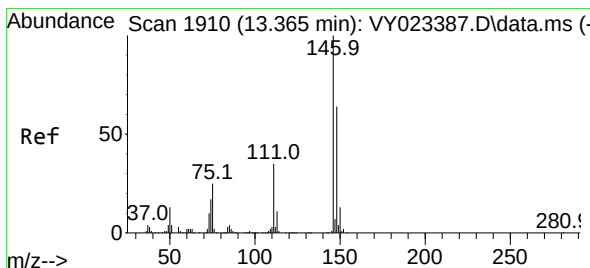
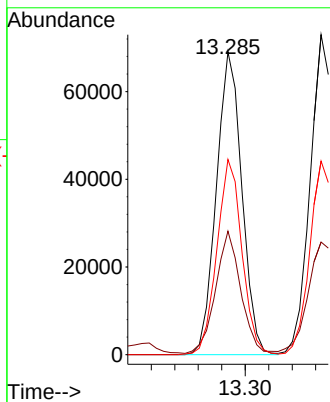
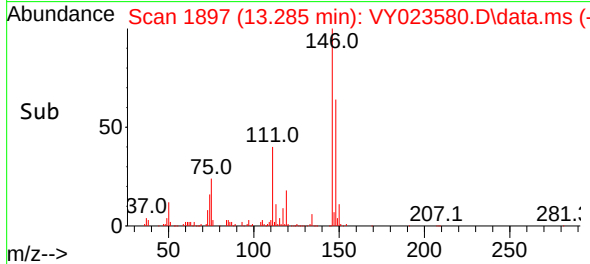
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



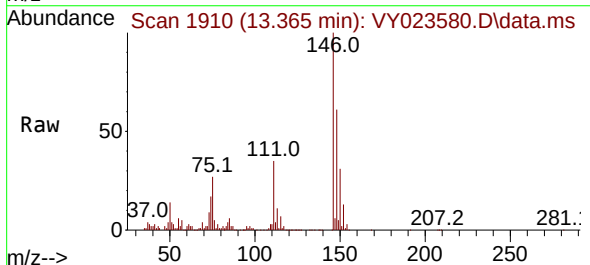
Tgt Ion:146 Resp: 10410
Ion Ratio Lower Upper
146 100
111 39.6 18.7 56.1
148 63.4 31.9 95.9

Manual Integrations
APPROVED

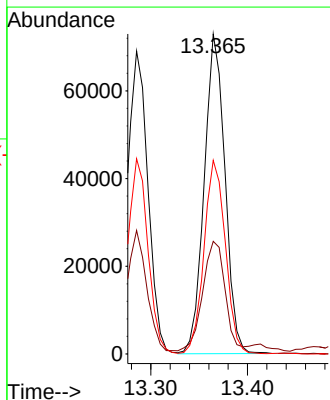
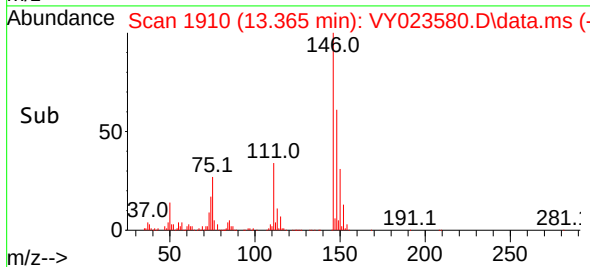
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

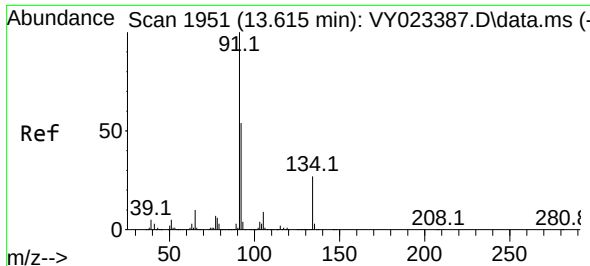


#88
1,4-Dichlorobenzene
Concen: 40.400 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58



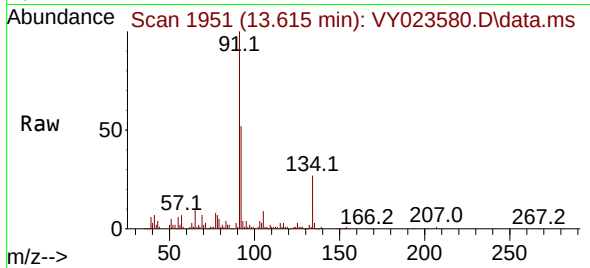
Tgt Ion:146 Resp: 108993
Ion Ratio Lower Upper
146 100
111 36.5 18.0 54.0
148 62.2 31.9 95.7





#89
n-Butylbenzene
Concen: 15.331 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

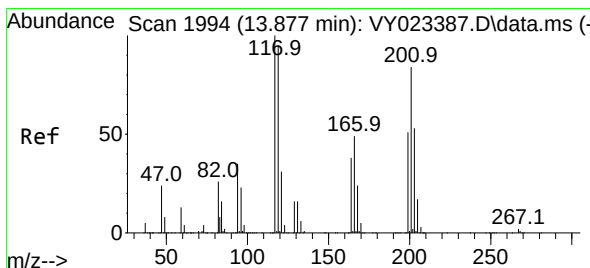
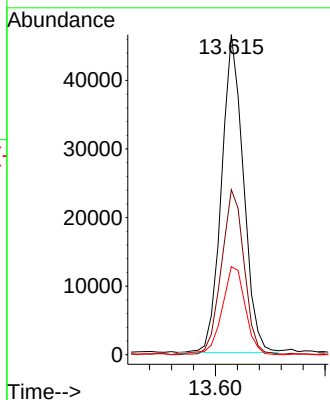
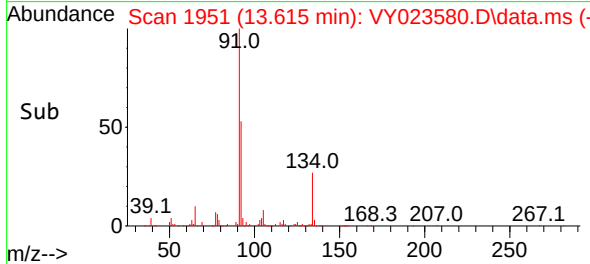
Instrument : MSVOA_Y
ClientSampleId : PR-132-S16-015094-20251021MS



Tgt Ion: 91 Resp: 64229
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 29.7 14.1 42.2

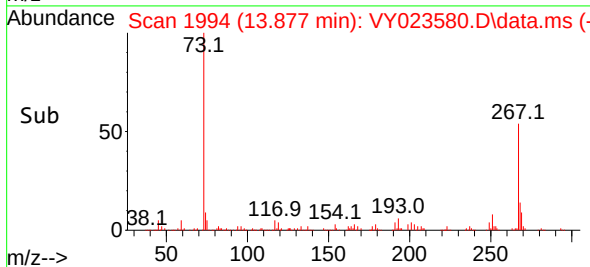
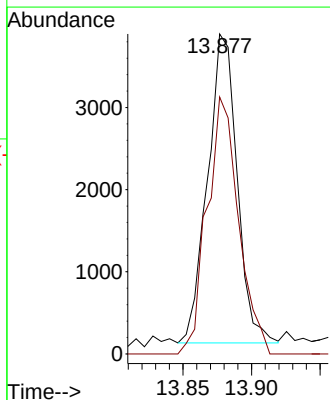
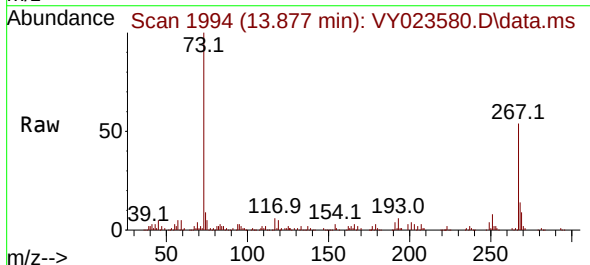
Manual Integrations
APPROVED

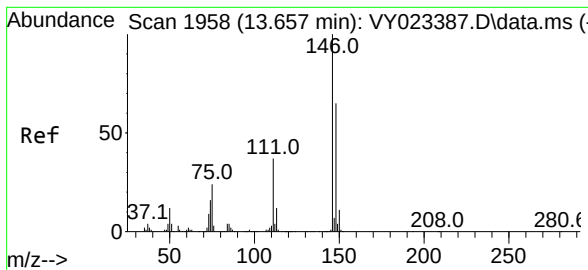
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 5.455 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion:117 Resp: 5641
Ion Ratio Lower Upper
117 100
201 88.7 43.8 131.4





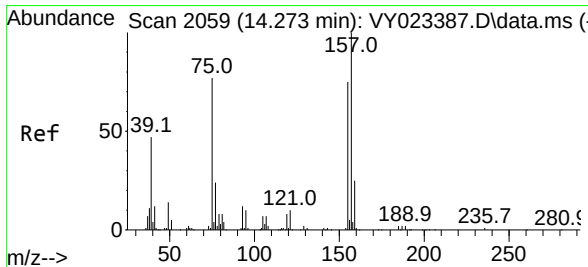
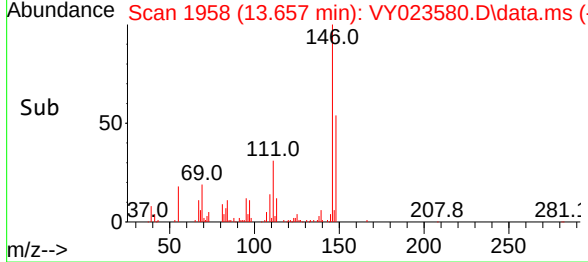
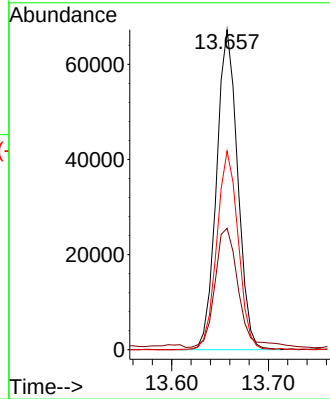
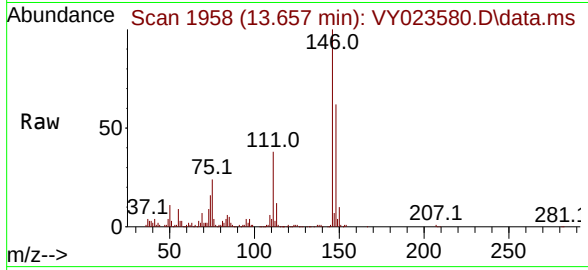
#91
1,2-Dichlorobenzene
Concen: 42.526 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

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

Tgt Ion:146 Resp: 10184
Ion Ratio Lower Upper
146 100
111 41.9 19.0 57.0
148 62.8 32.1 96.3

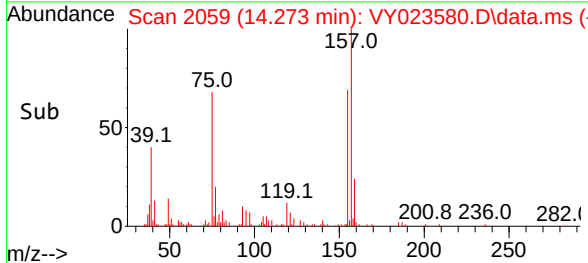
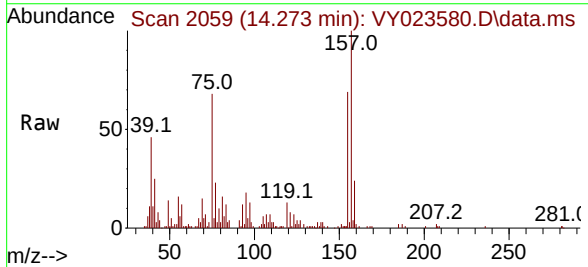
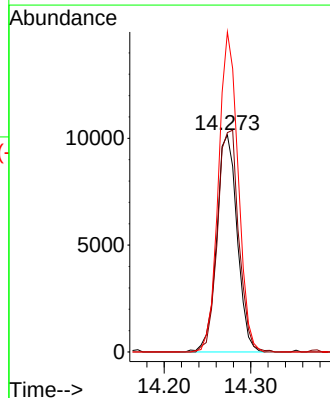
Manual Integrations
APPROVED

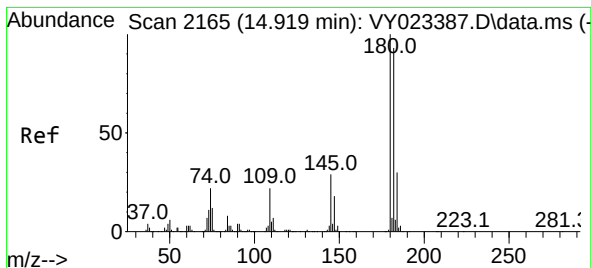
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 117.984 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023580.D
Acq: 24 Oct 2025 17:58

Tgt Ion: 75 Resp: 16707
Ion Ratio Lower Upper
75 100
155 105.7 50.0 150.0
157 140.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 13.011 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS

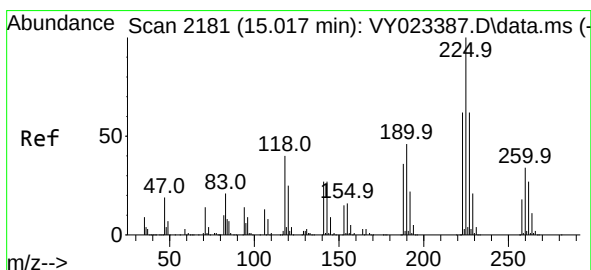
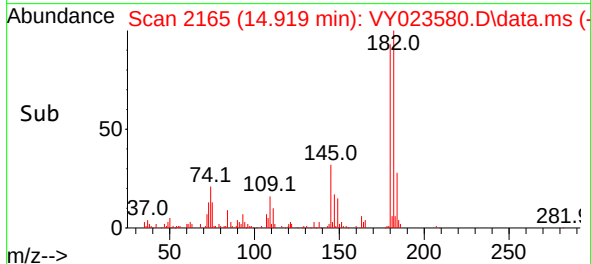
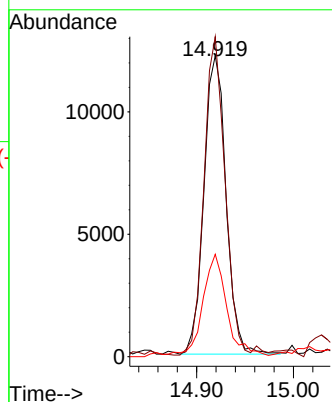
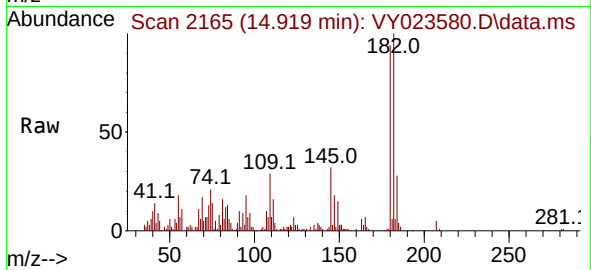
Tgt Ion:	180	Resp:	1942
Ion Ratio	Lower	Upper	
180	100		
182	101.0	47.9	143.6
145	37.7	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 6.018 ug/l

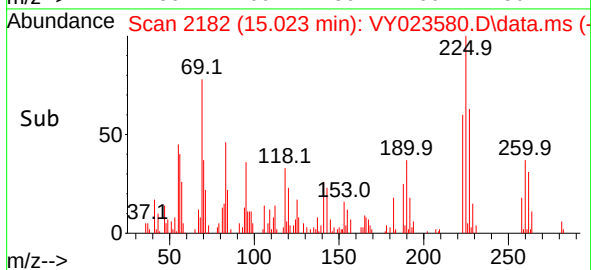
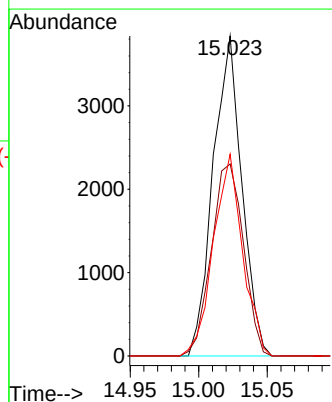
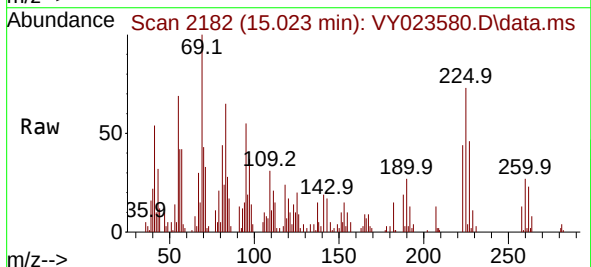
RT: 15.023 min Scan# 2182

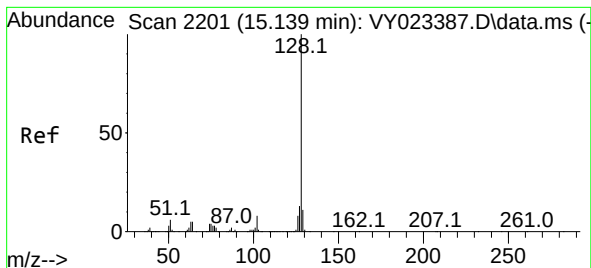
Delta R.T. 0.006 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Tgt Ion:	225	Resp:	5601
Ion Ratio	Lower	Upper	
225	100		
223	67.2	30.8	92.3
227	64.0	31.9	95.7





#95

Naphthalene

Concen: 33.546 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023580.D

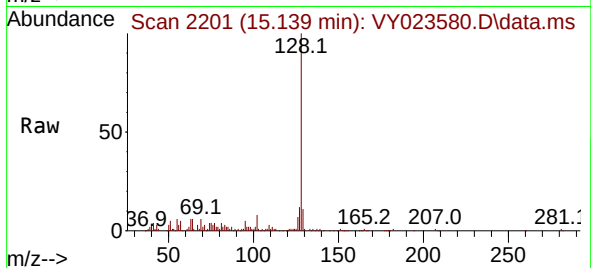
Acq: 24 Oct 2025 17:58

Instrument :

MSVOA_Y

ClientSampleId :

PR-132-S16-015094-20251021MS



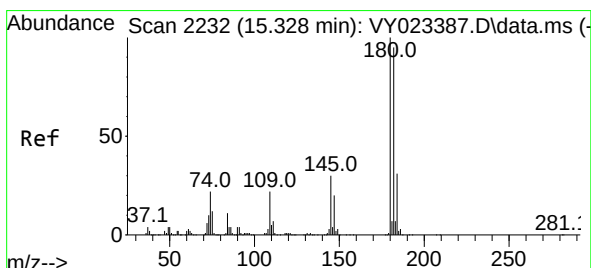
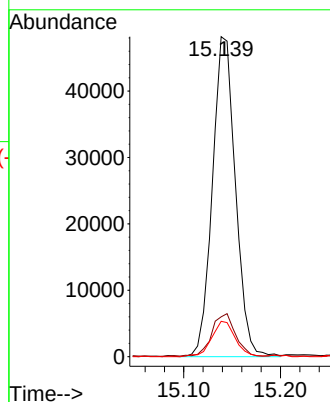
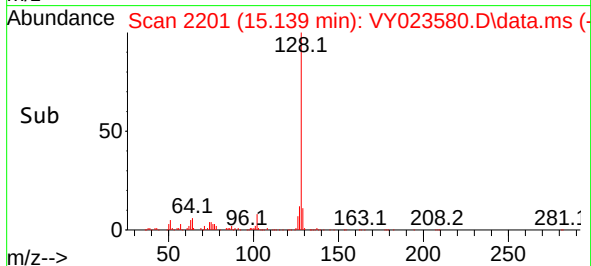
Tgt Ion:	128	Resp:	7975
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 13.760 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023580.D

Acq: 24 Oct 2025 17:58

Tgt Ion:	180	Resp:	17795
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.9	143.8
145	33.9	15.3	45.9

