

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023583.D
 Acq On : 24 Oct 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 23:59:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	507234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	742233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	668743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	357296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	196658	46.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.720%		
35) Dibromofluoromethane	7.640	113	228285	50.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.120%		
50) Toluene-d8	10.109	98	836159	49.231	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.402	95	281968	50.285	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	144801	39.661	ug/l	100
3) Chloromethane	2.074	50	200024	40.217	ug/l	99
4) Vinyl Chloride	2.208	62	273481	42.216	ug/l	100
5) Bromomethane	2.599	94	234131	43.068	ug/l	98
6) Chloroethane	2.739	64	199836	45.255	ug/l	100
7) Trichlorofluoromethane	3.062	101	404235	44.941	ug/l	100
8) Diethyl Ether	3.458	74	116883	49.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	226786	48.588	ug/l	98
10) Methyl Iodide	4.013	142	290920	55.987	ug/l	99
11) Tert butyl alcohol	4.860	59	76964	243.906	ug/l	100
12) 1,1-Dichloroethene	3.793	96	218291	48.245	ug/l	96
13) Acrolein	3.653	56	27293	61.212	ug/l	96
14) Allyl chloride	4.391	41	253759	46.019	ug/l	97
15) Acrylonitrile	5.061	53	227067	252.444	ug/l	99
16) Acetone	3.873	43	186647	184.839	ug/l	94
17) Carbon Disulfide	4.110	76	564814	43.615	ug/l	100
18) Methyl Acetate	4.391	43	164880	62.245	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	565049	51.960	ug/l	94
20) Methylene Chloride	4.623	84	257954	47.242	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	253815	50.951	ug/l	96
22) Diisopropyl ether	6.025	45	610636	50.063	ug/l	98
23) Vinyl Acetate	5.964	43	1480410	224.231	ug/l	97
24) 1,1-Dichloroethane	5.921	63	402141	49.772	ug/l	99
25) 2-Butanone	6.897	43	268400	217.718	ug/l	97
26) 2,2-Dichloropropane	6.890	77	353098	47.627	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	307032	53.358	ug/l	94
28) Bromochloromethane	7.250	49	132517	43.934	ug/l	96
29) Tetrahydrofuran	7.262	42	168634	241.224	ug/l	94
30) Chloroform	7.427	83	464230	52.295	ug/l	100
31) Cyclohexane	7.707	56	308332	43.698	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	413313	51.234	ug/l	99
36) 1,1-Dichloropropene	7.841	75	302655	50.126	ug/l	99
37) Ethyl Acetate	6.988	43	112306	46.950	ug/l	97
38) Carbon Tetrachloride	7.823	117	374359	51.133	ug/l	100
39) Methylcyclohexane	9.110	83	386395	49.151	ug/l	99
40) Benzene	8.085	78	989530	51.750	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	63044	48.731	ug/l	93
42) 1,2-Dichloroethane	8.159	62	246319	49.949	ug/l	98
43) Isopropyl Acetate	8.201	43	230249	48.273	ug/l	99
44) Trichloroethene	8.866	130	293471	52.437	ug/l	100
45) 1,2-Dichloropropane	9.146	63	221418	52.426	ug/l	99
46) Dibromomethane	9.231	93	142853	53.491	ug/l	98
47) Bromodichloromethane	9.427	83	358037	53.231	ug/l	98
48) Methyl methacrylate	9.225	41	110497	49.312	ug/l	92
49) 1,4-Dioxane	9.231	88	31880	1029.589	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	631539	256.268	ug/l	98
52) Toluene	10.170	92	665485	53.602	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	303725	51.933	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	360060	52.164	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	196300	54.660	ug/l	97
56) Ethyl methacrylate	10.439	69	229792	55.470	ug/l	95
57) 1,3-Dichloropropane	10.719	76	303529	53.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	524417	282.585	ug/l	98
59) 2-Hexanone	10.762	43	428030	243.040	ug/l	97
60) Dibromochloromethane	10.914	129	278085	55.230	ug/l	99
61) 1,2-Dibromoethane	11.018	107	186217	54.370	ug/l	100
64) Tetrachloroethene	10.646	164	378855	54.866	ug/l	99
65) Chlorobenzene	11.445	112	763325	52.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	274597	52.979	ug/l	98
67) Ethyl Benzene	11.518	91	1247469	52.985	ug/l	98
68) m/p-Xylenes	11.627	106	1007740	106.715	ug/l	100
69) o-Xylene	11.957	106	478468	54.018	ug/l	98
70) Styrene	11.969	104	799488	54.888	ug/l	99
71) Bromoform	12.133	173	171092	53.216	ug/l #	100
73) Isopropylbenzene	12.255	105	1228980	52.194	ug/l	100
74) N-amyl acetate	12.072	43	191987	45.395	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	193427	50.226	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	144559m	45.858	ug/l	
77) Bromobenzene	12.530	156	321558	51.369	ug/l	99
78) n-propylbenzene	12.597	91	1429172	52.451	ug/l	100
79) 2-Chlorotoluene	12.676	91	824123	51.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1008678	53.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	62762	48.823	ug/l	98
82) 4-Chlorotoluene	12.774	91	844797	51.408	ug/l	99
83) tert-Butylbenzene	12.993	119	932779	53.096	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1007932	53.080	ug/l	100
85) sec-Butylbenzene	13.176	105	1323261	52.508	ug/l	100
86) p-Isopropyltoluene	13.292	119	1130580	52.691	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	621919	51.020	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	604673	50.226	ug/l	100
89) n-Butylbenzene	13.615	91	958317	51.258	ug/l	100
90) Hexachloroethane	13.877	117	233027	50.494	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	548852	51.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29259	46.303	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	324466	48.700	ug/l	100
94) Hexachlorobutadiene	15.023	225	199621	48.065	ug/l	98
95) Naphthalene	15.145	128	517890	48.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	278723	48.298	ug/l	99

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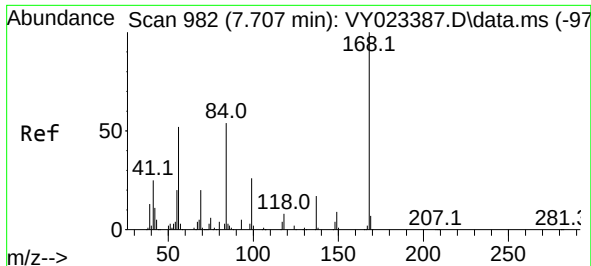
Manual Integrations
APPROVED

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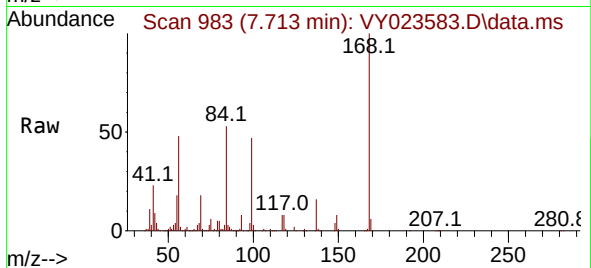
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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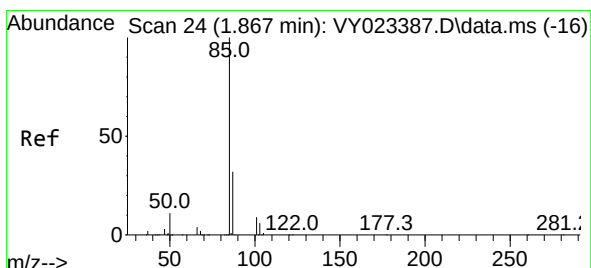
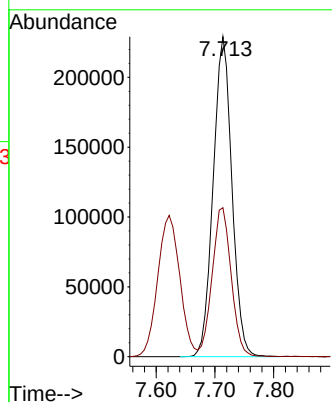
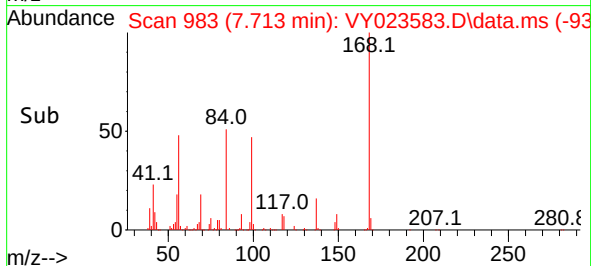
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 507234
Ion Ratio Lower Upper
168 100
99 46.5 39.7 59.5

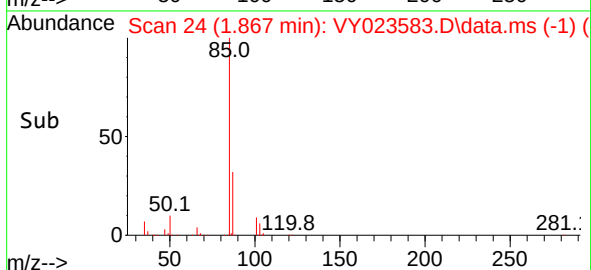
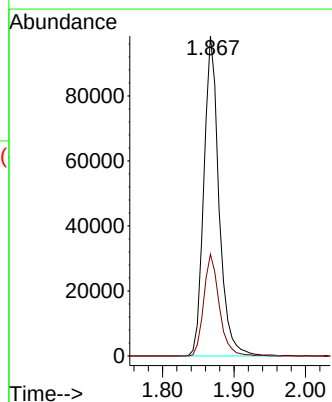
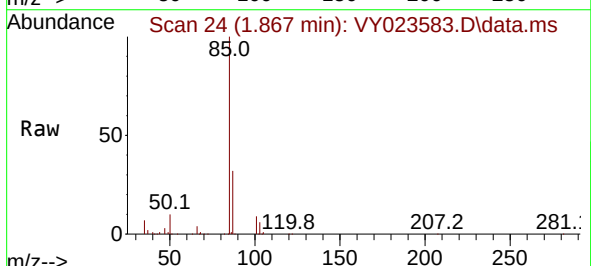
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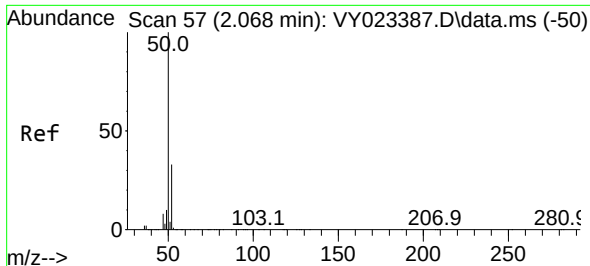
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 39.661 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

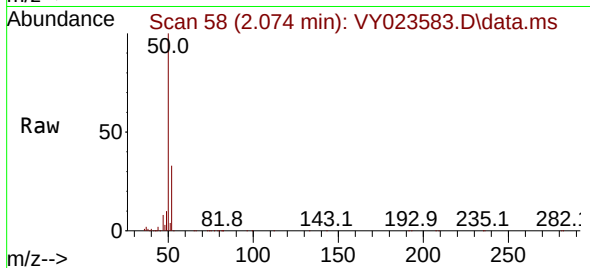
Tgt Ion: 85 Resp: 144801
Ion Ratio Lower Upper
85 100
87 31.8 16.0 47.9





#3
Chloromethane
Concen: 40.217 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

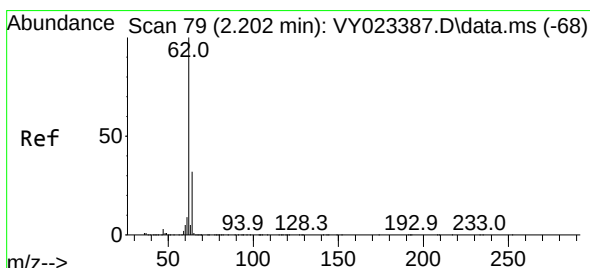
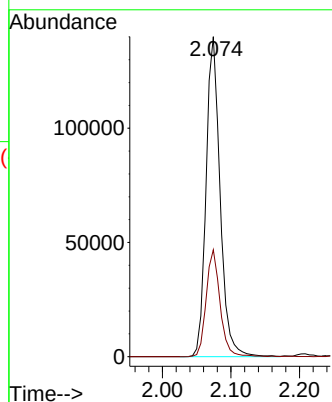
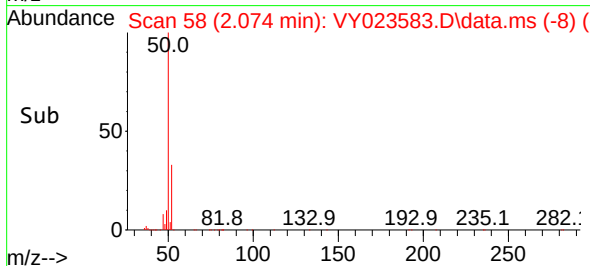
Instrument :
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Tgt Ion: 50 Resp: 200024
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2

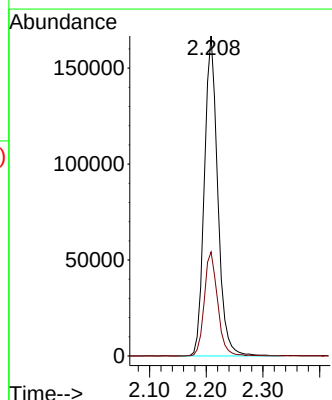
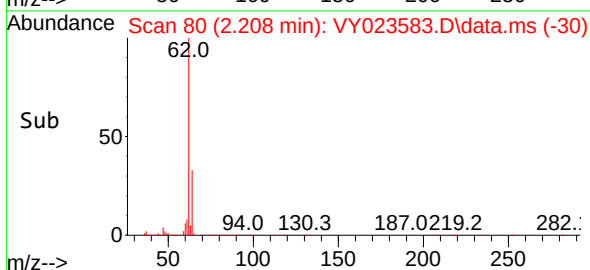
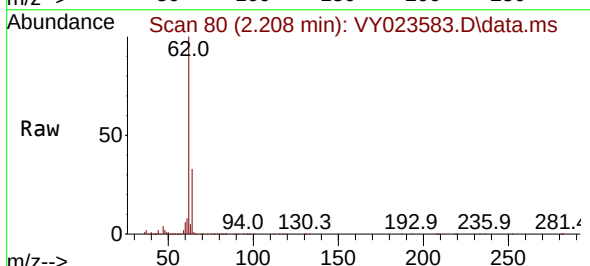
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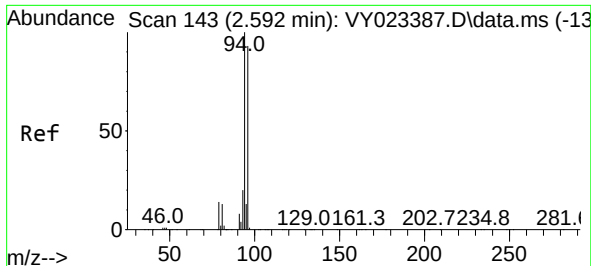
Reviewed By :Amit Patel 10/27/2025
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#4
Vinyl Chloride
Concen: 42.216 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

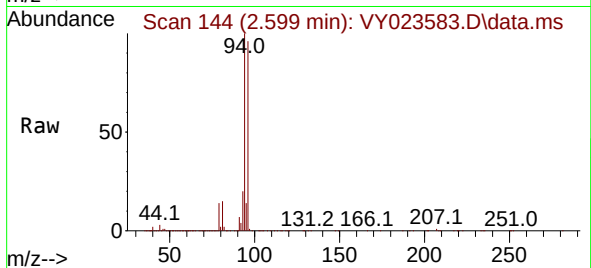
Tgt Ion: 62 Resp: 273481
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8





#5
Bromomethane
Concen: 43.068 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

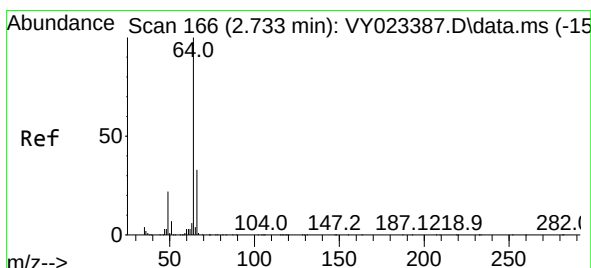
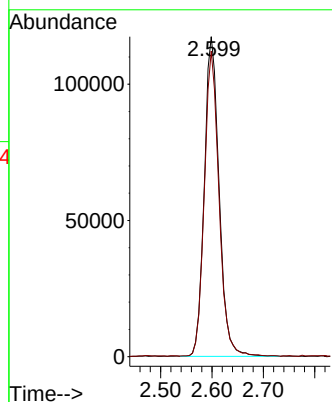
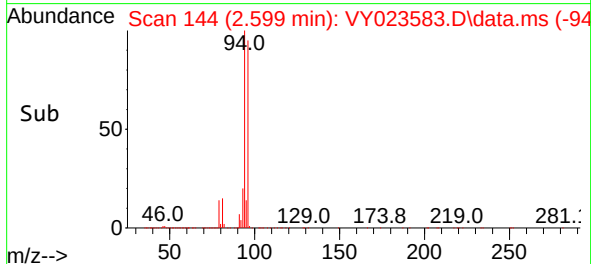
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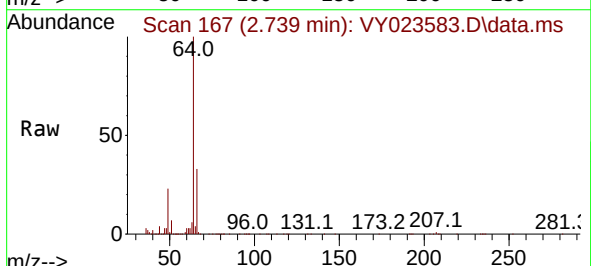
Tgt Ion: 94 Resp: 23413
Ion Ratio Lower Upper
94 100
96 95.5 74.5 111.7

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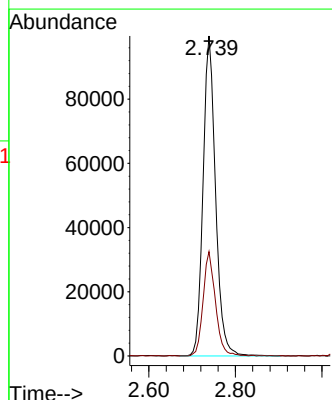
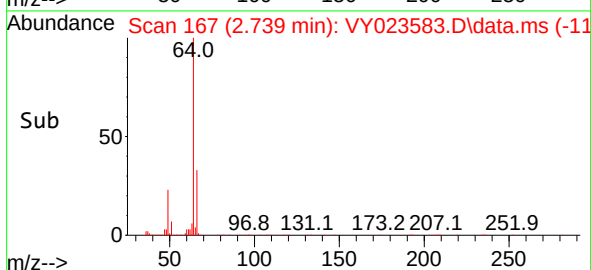
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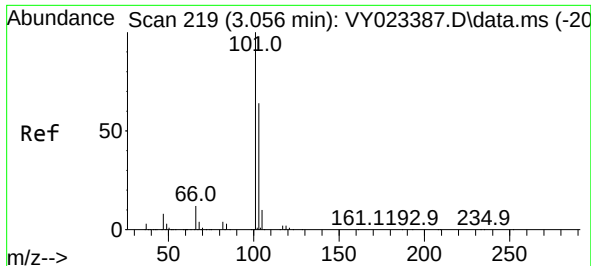


#6
Chloroethane
Concen: 45.255 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 64 Resp: 199836
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





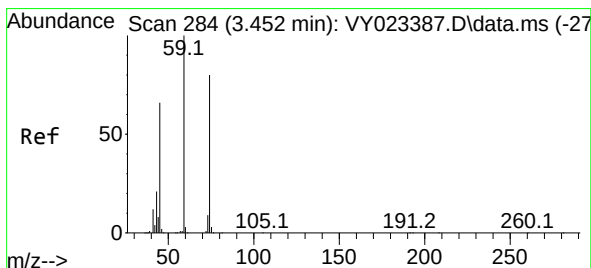
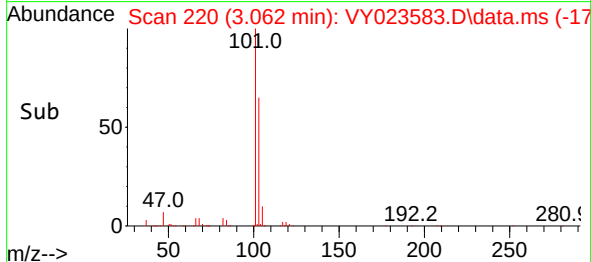
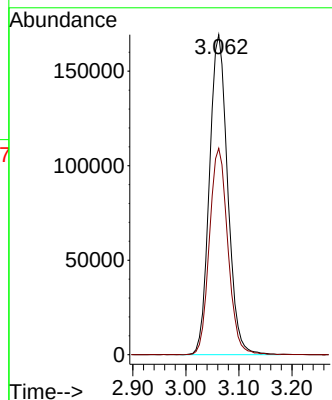
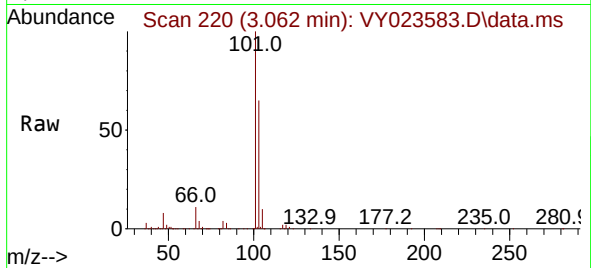
#7
Trichlorofluoromethane
Concen: 44.941 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 404235
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9

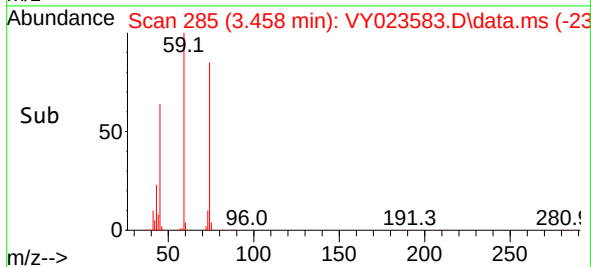
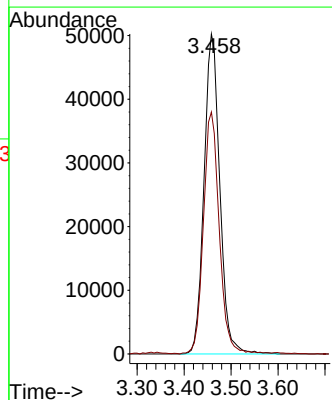
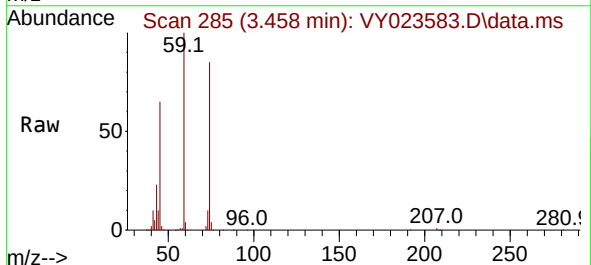
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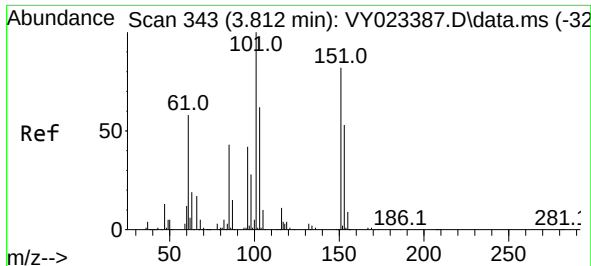
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#8
Diethyl Ether
Concen: 49.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 74 Resp: 116883
Ion Ratio Lower Upper
74 100
45 76.2 39.9 119.7





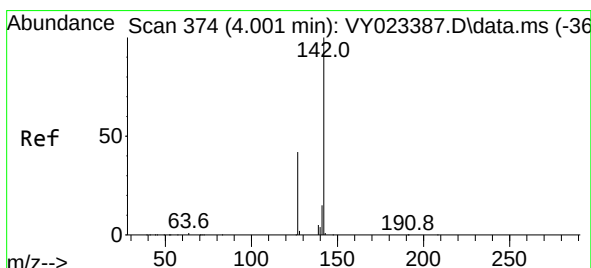
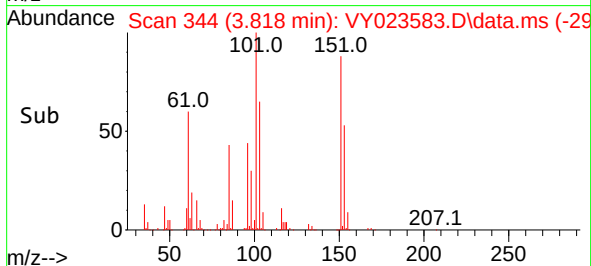
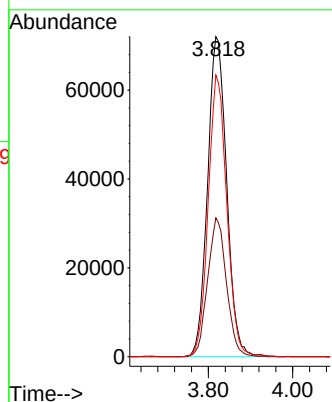
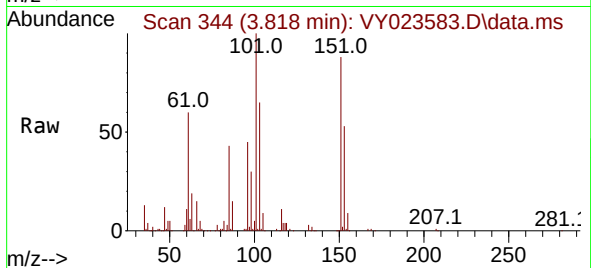
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.588 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 226780
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 85.7 67.0 100.6

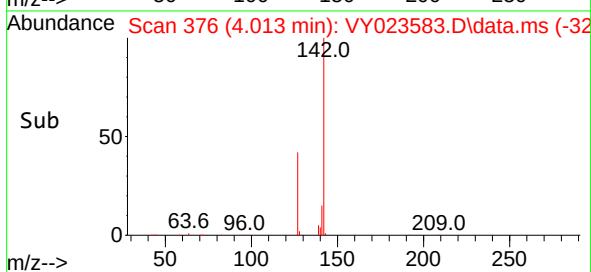
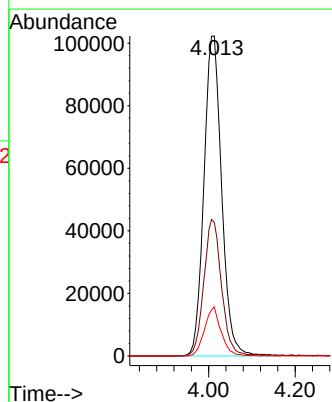
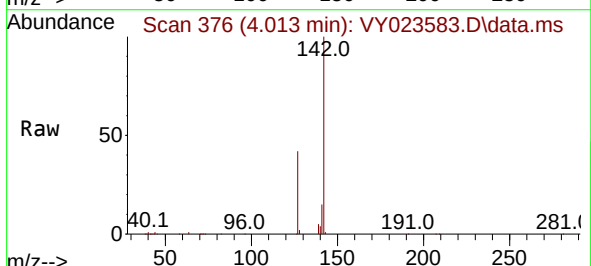
Manual Integrations
APPROVED

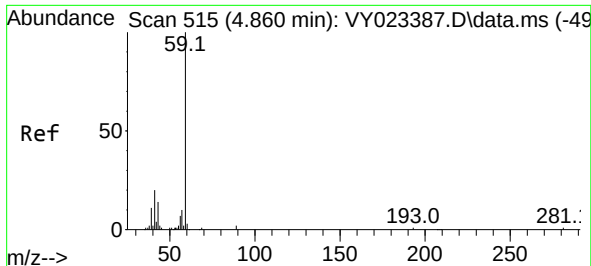
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 55.987 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

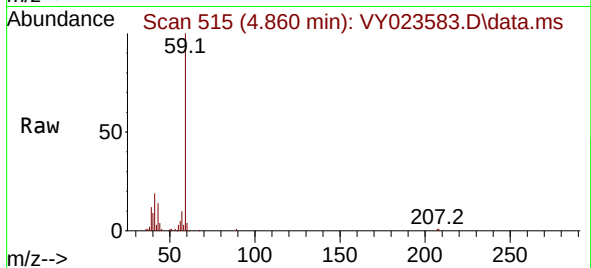
Tgt Ion:142 Resp: 290920
Ion Ratio Lower Upper
142 100
127 42.6 34.8 52.2
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 243.906 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

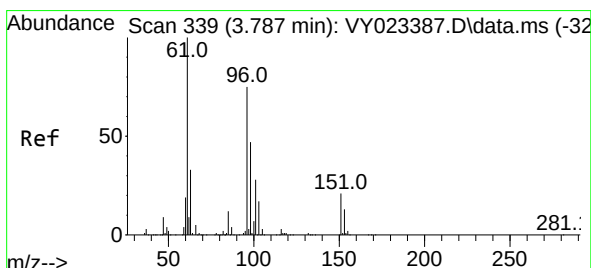
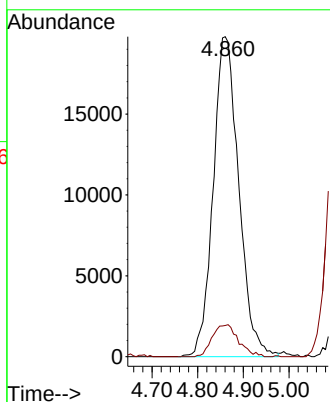
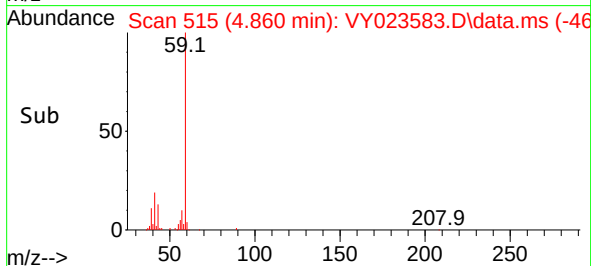
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 76964
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

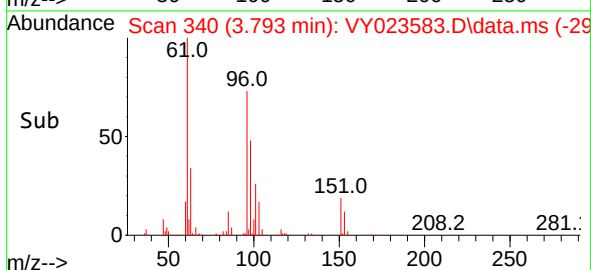
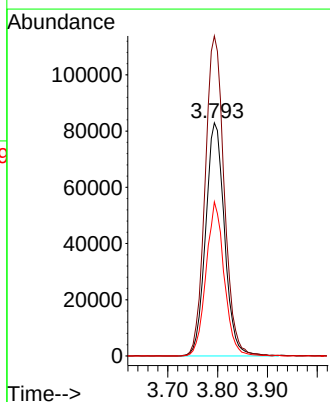
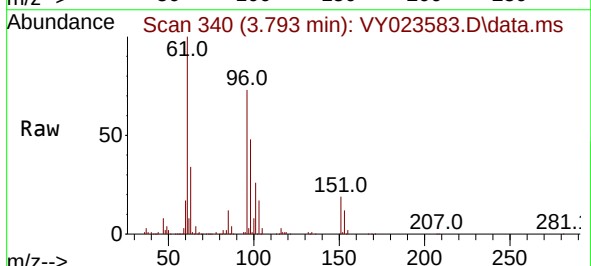
Manual Integrations
APPROVED

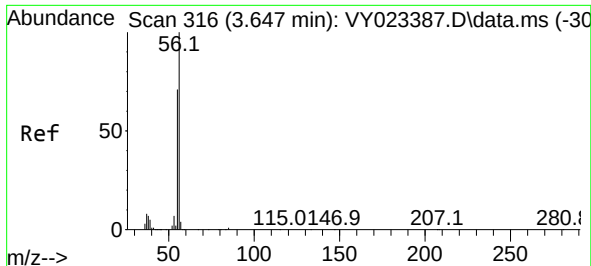
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 48.245 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

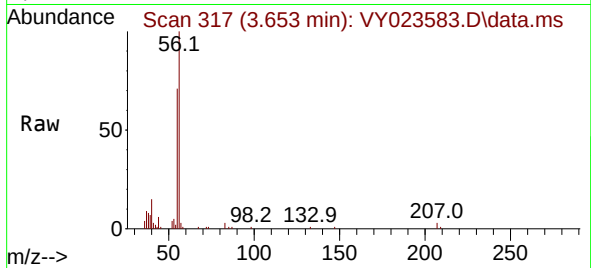
Tgt Ion: 96 Resp: 218291
Ion Ratio Lower Upper
96 100
61 137.2 106.7 160.1
98 66.1 50.2 75.4





#13
Acrolein
Concen: 61.212 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

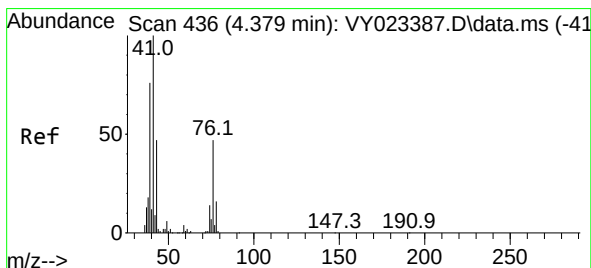
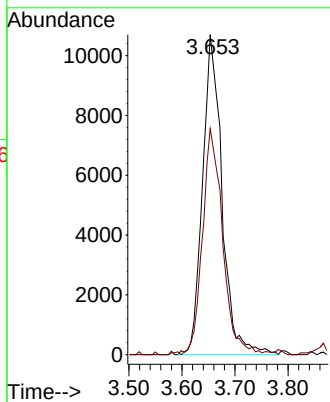
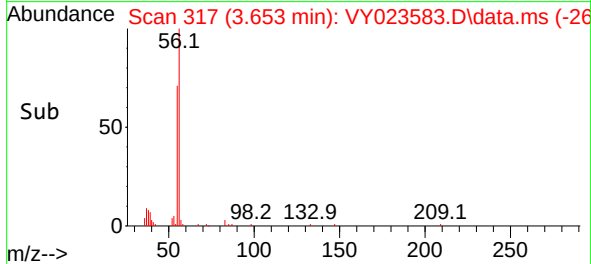
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2729
Ion Ratio Lower Upper
56 100
55 73.1 56.1 84.1

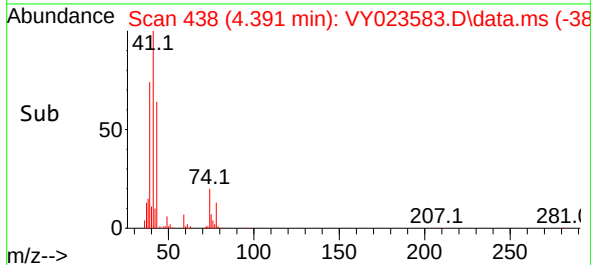
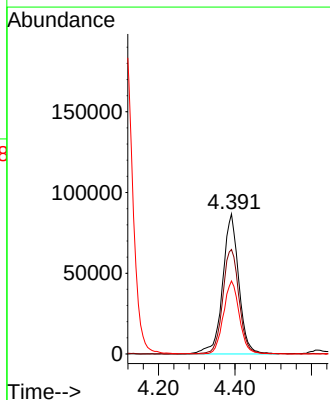
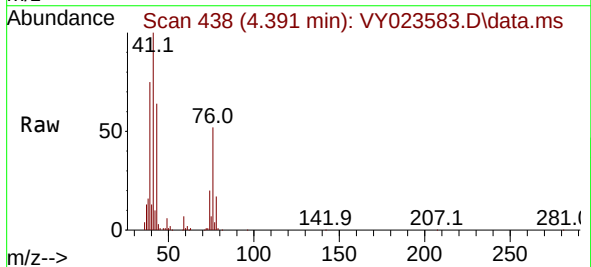
Manual Integrations
APPROVED

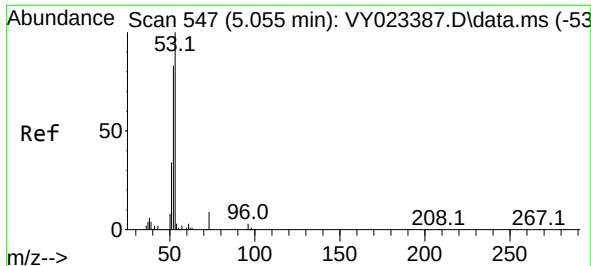
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 46.019 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

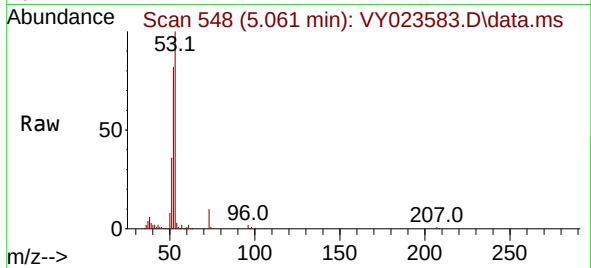
Tgt Ion: 41 Resp: 253759
Ion Ratio Lower Upper
41 100
39 76.1 59.9 89.9
76 51.3 38.0 57.0





#15
Acrylonitrile
Concen: 252.444 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

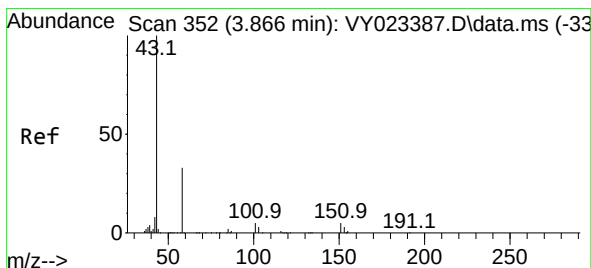
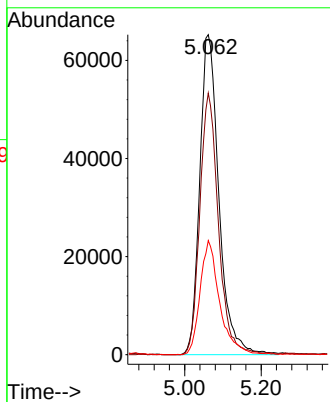
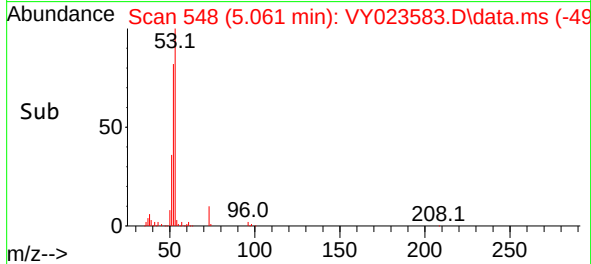
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



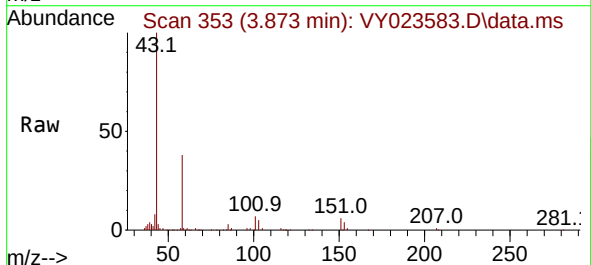
Tgt Ion: 53 Resp: 22706
Ion Ratio Lower Upper
53 100
52 79.1 64.6 97.0
51 36.5 29.5 44.3

Manual Integrations
APPROVED

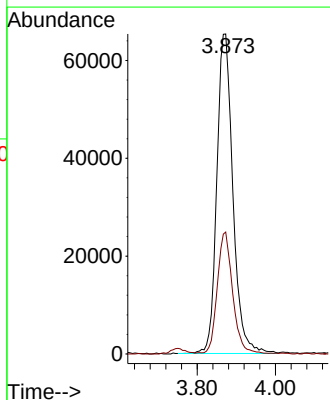
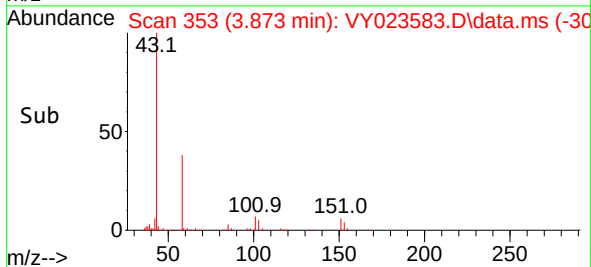
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

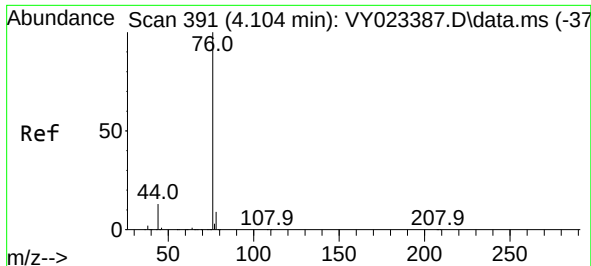


#16
Acetone
Concen: 184.839 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



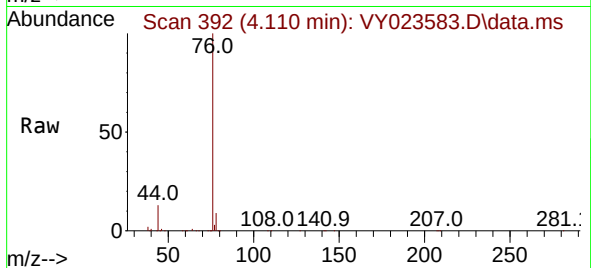
Tgt Ion: 43 Resp: 186647
Ion Ratio Lower Upper
43 100
58 38.0 27.7 41.5





#17
Carbon Disulfide
Concen: 43.615 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

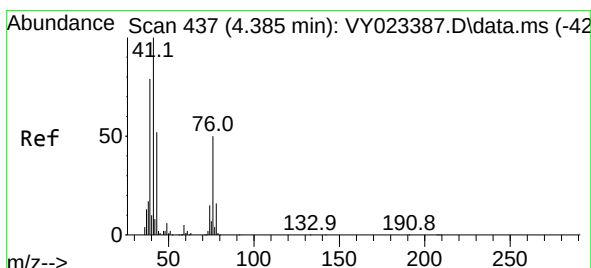
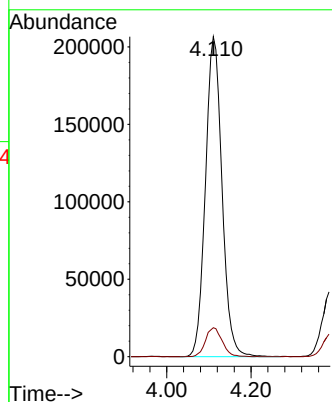
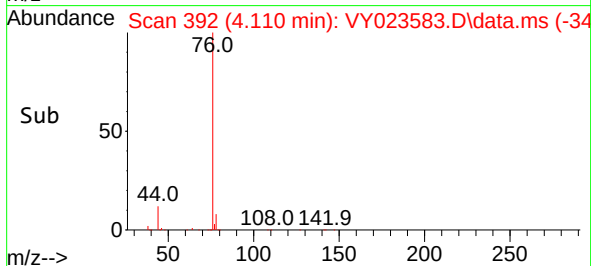
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



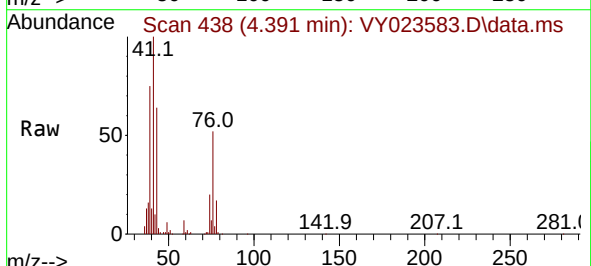
Tgt Ion: 76 Resp: 564814
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
APPROVED

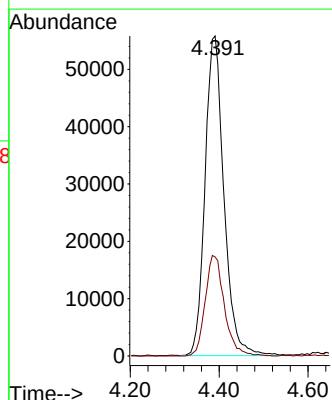
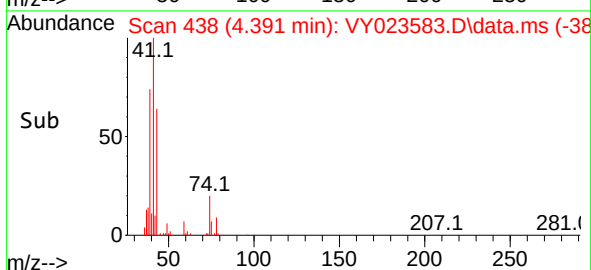
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

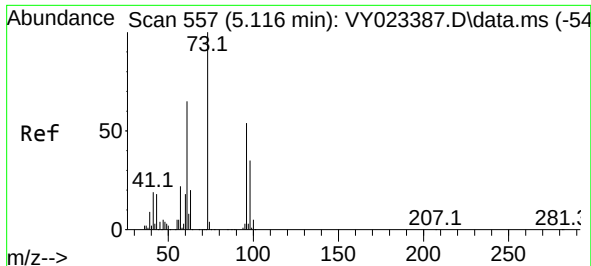


#18
Methyl Acetate
Concen: 62.245 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 43 Resp: 164880
Ion Ratio Lower Upper
43 100
74 32.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 51.960 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 565049

Ion Ratio Lower Upper

73 100

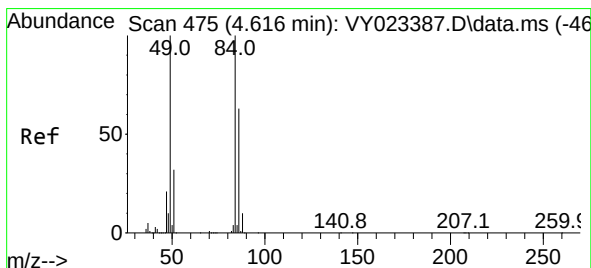
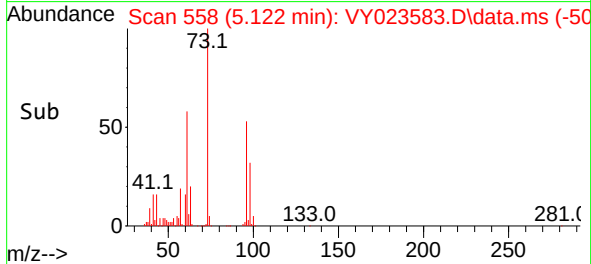
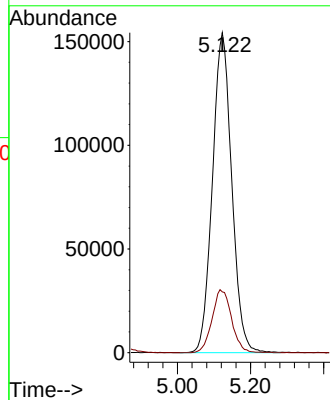
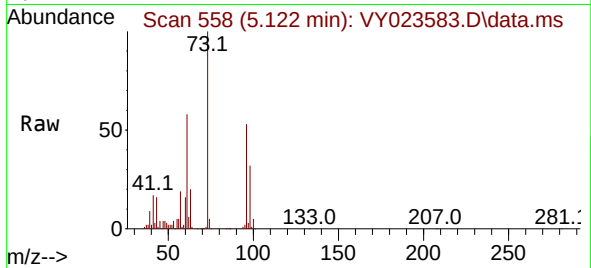
57 19.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#20

Methylene Chloride

Concen: 47.242 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion: 84 Resp: 257954

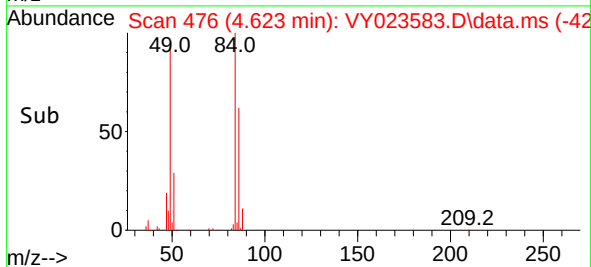
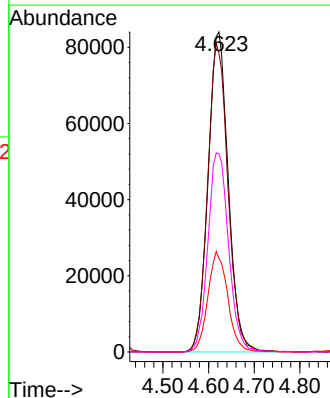
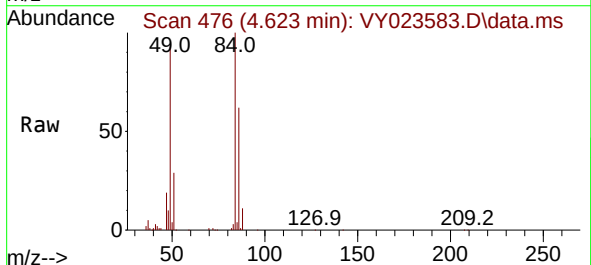
Ion Ratio Lower Upper

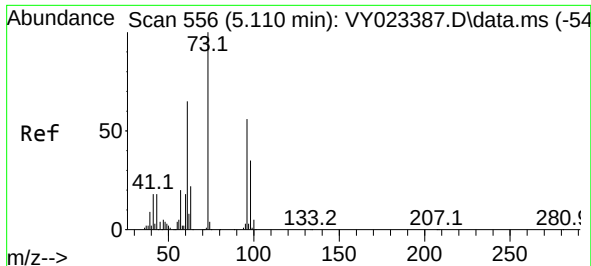
84 100

49 93.4 80.2 120.4

51 29.3 25.9 38.9

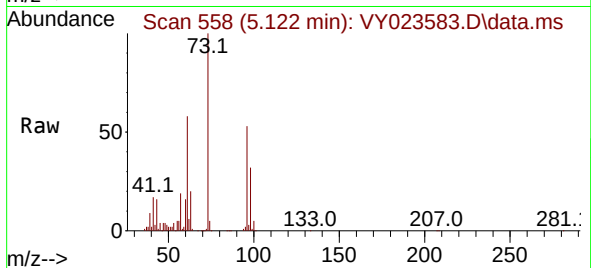
86 61.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.951 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

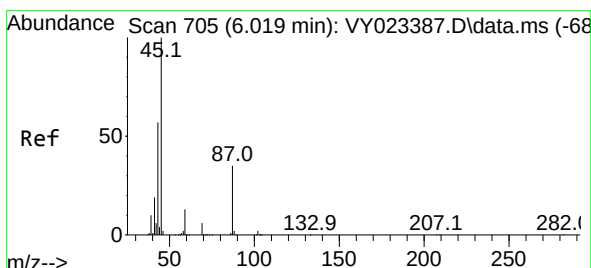
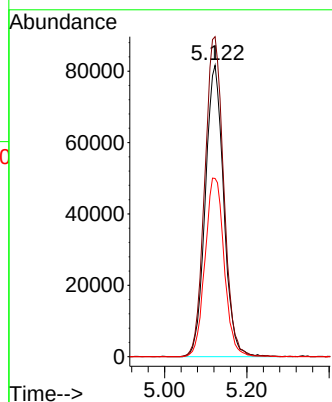
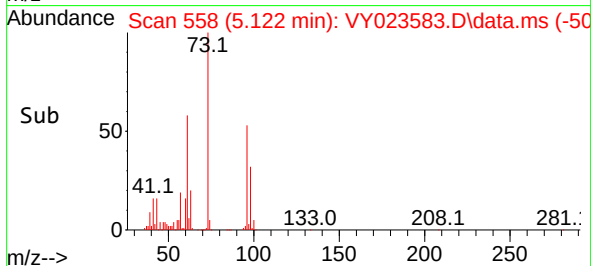
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



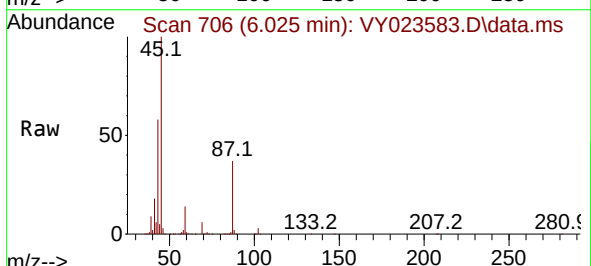
Tgt Ion: 96 Resp: 25381
Ion Ratio Lower Upper
96 100
61 109.8 92.7 139.1
98 61.2 49.7 74.5

Manual Integrations
APPROVED

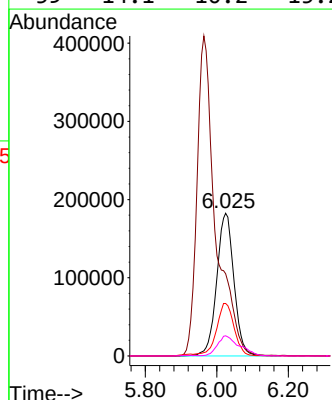
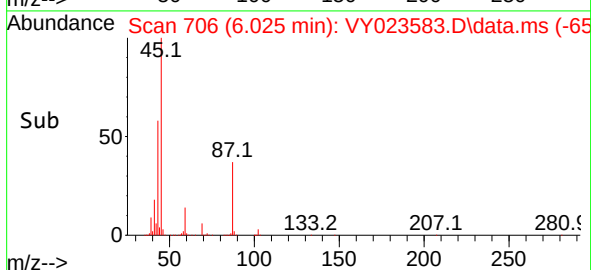
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

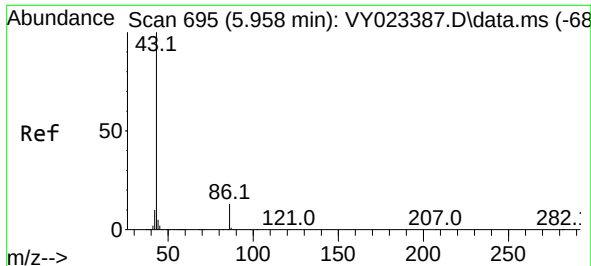


#22
Diisopropyl ether
Concen: 50.063 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



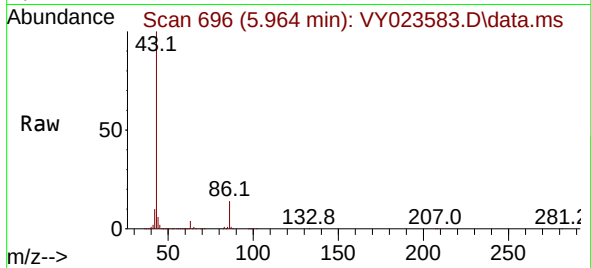
Tgt Ion: 45 Resp: 610636
Ion Ratio Lower Upper
45 100
43 57.5 45.6 68.4
87 36.7 28.1 42.1
59 14.1 10.2 15.2





#23
 Vinyl Acetate
 Concen: 224.231 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06

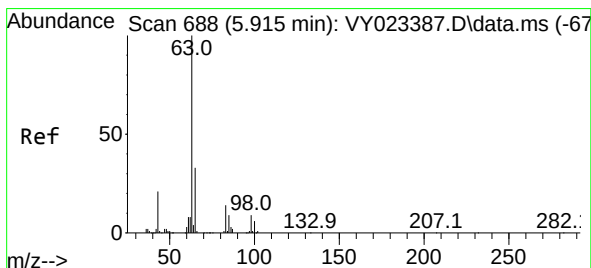
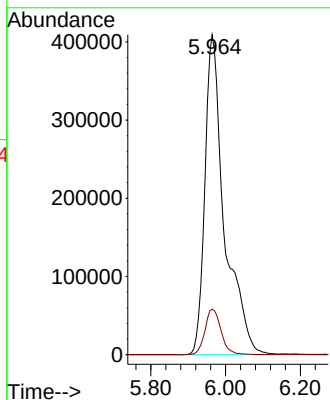
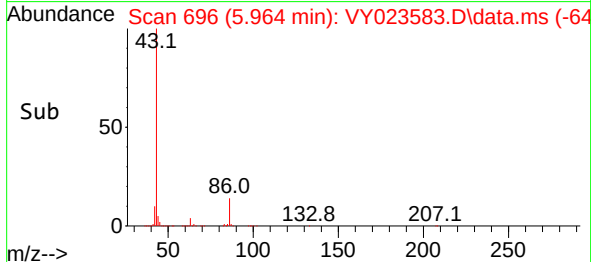
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



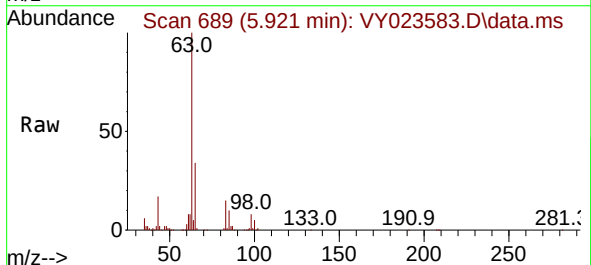
Tgt Ion: 43 Resp: 1480410
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 15.8

Manual Integrations
 APPROVED

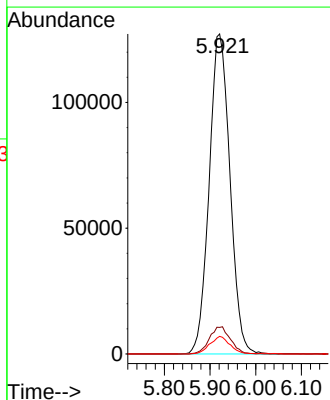
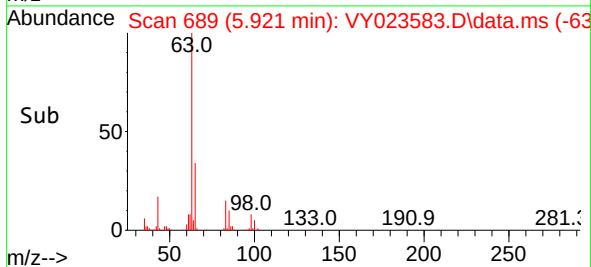
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

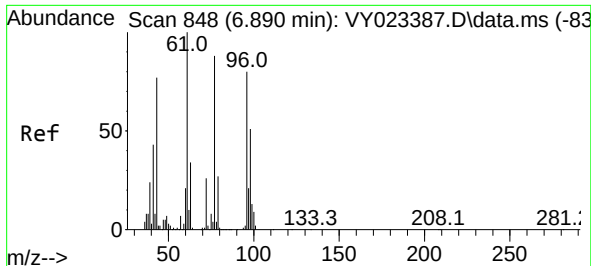


#24
 1,1-Dichloroethane
 Concen: 49.772 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06



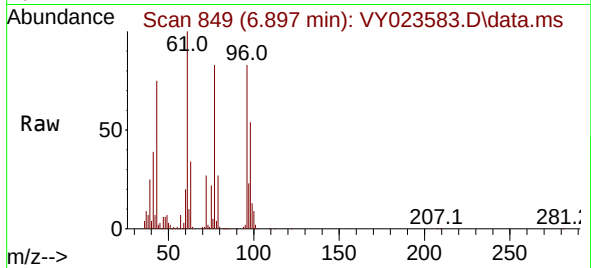
Tgt Ion: 63 Resp: 402141
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 13.1
 100 5.5 2.8 8.4





#25
2-Butanone
Concen: 217.718 ug/l
RT: 6.897 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

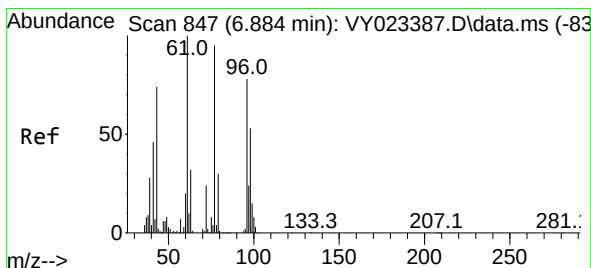
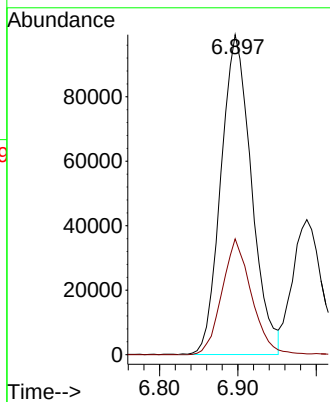
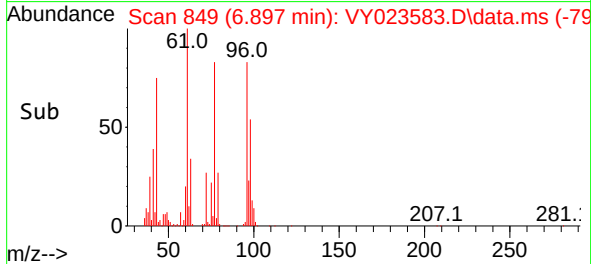
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



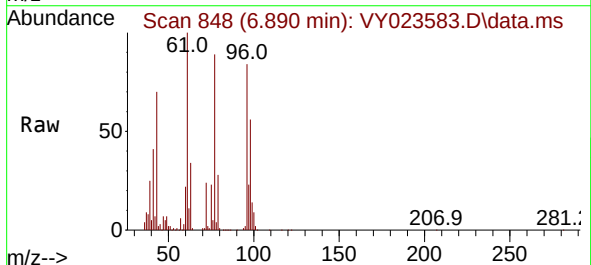
Tgt Ion: 43 Resp: 268400
Ion Ratio Lower Upper
43 100
72 36.2 27.4 41.2

Manual Integrations
APPROVED

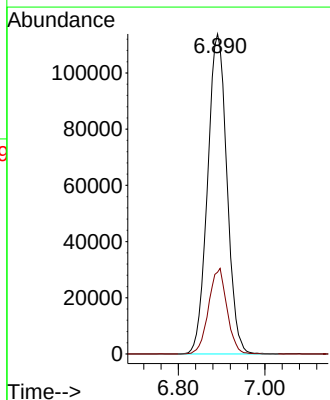
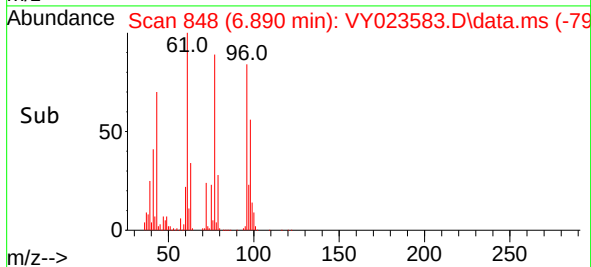
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

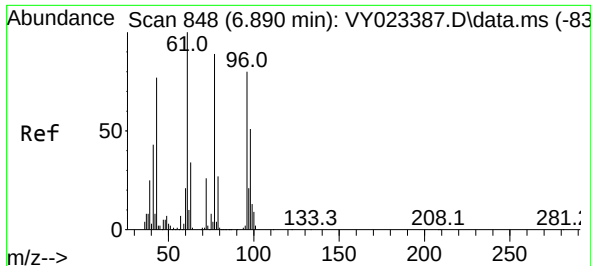


#26
2,2-Dichloropropane
Concen: 47.627 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 77 Resp: 353098
Ion Ratio Lower Upper
77 100
97 25.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 53.358 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023583.D

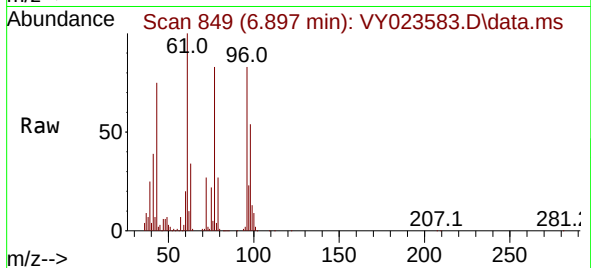
Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 30703

Ion Ratio Lower Upper

96 100

61 119.8 0.0 258.2

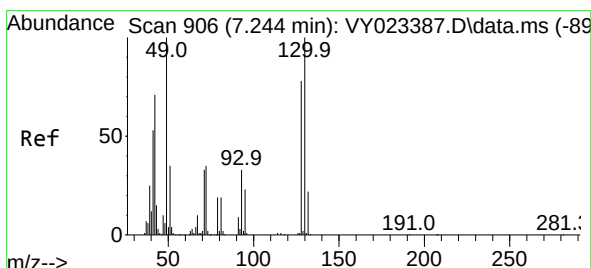
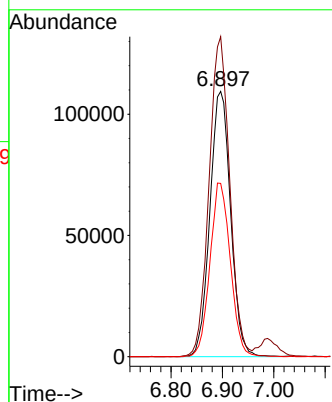
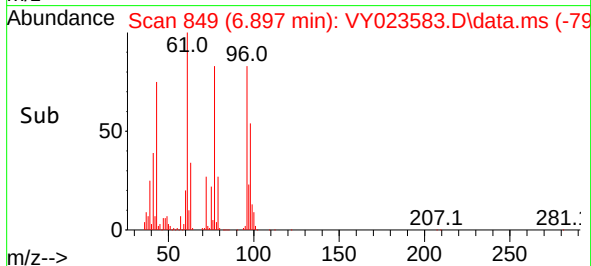
98 64.4 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 43.934 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

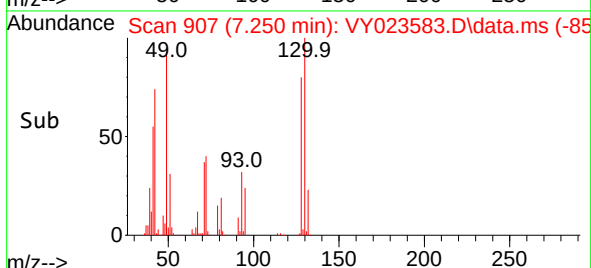
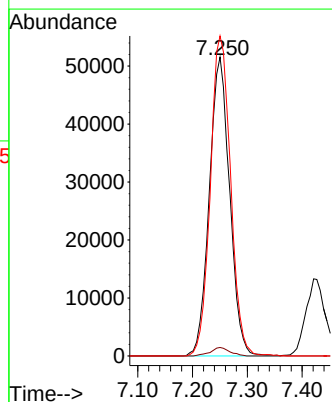
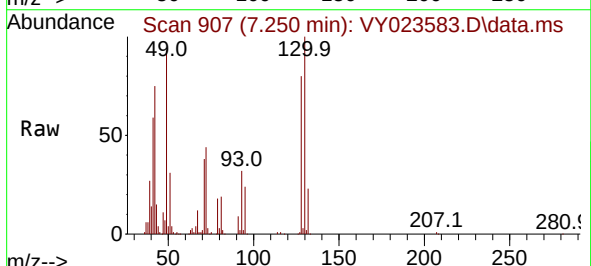
Tgt Ion: 49 Resp: 132517

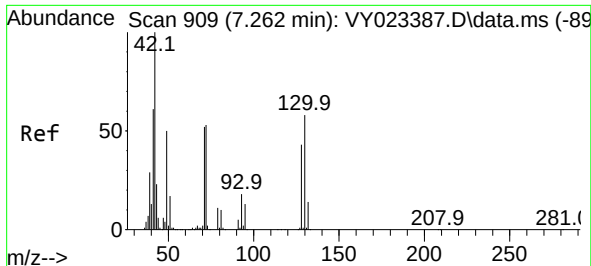
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 106.6 81.9 122.9





#29

Tetrahydrofuran

Concen: 241.224 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 168634

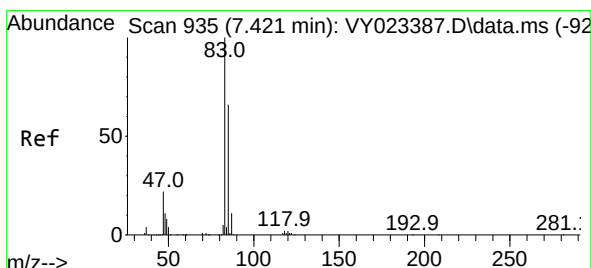
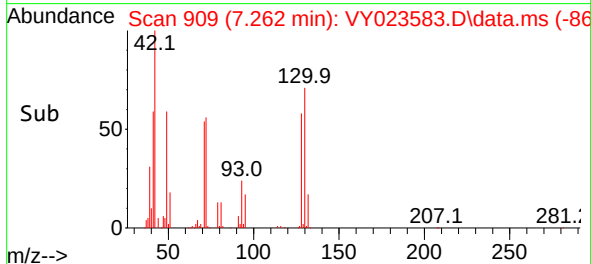
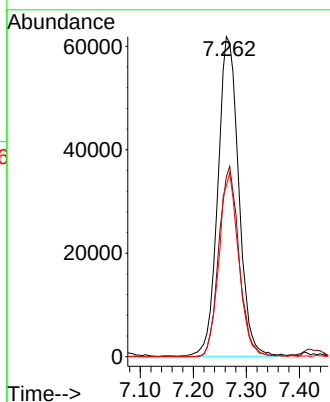
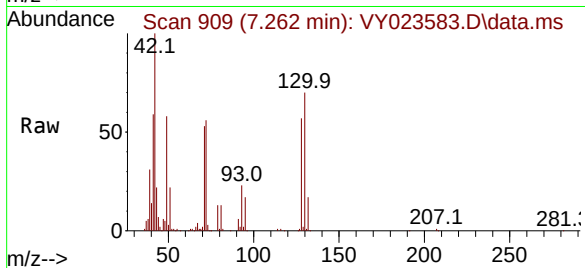
Ion	Ratio	Lower	Upper
42	100		
72	57.8	43.0	64.6
71	54.7	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 52.295 ug/l

RT: 7.427 min Scan# 936

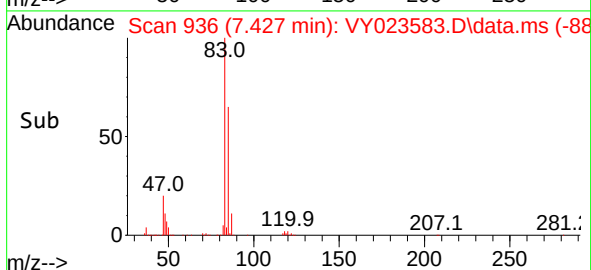
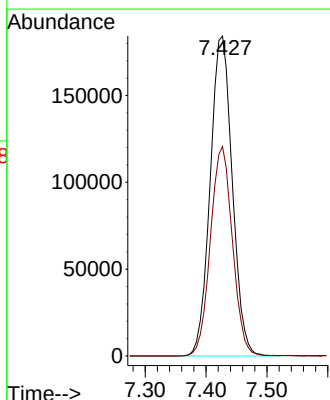
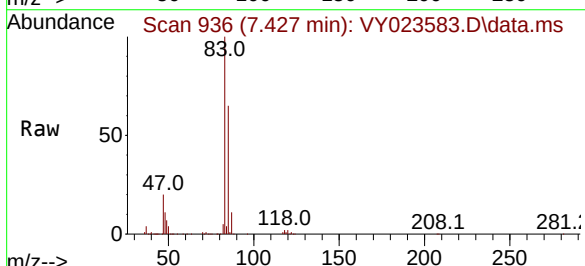
Delta R.T. 0.006 min

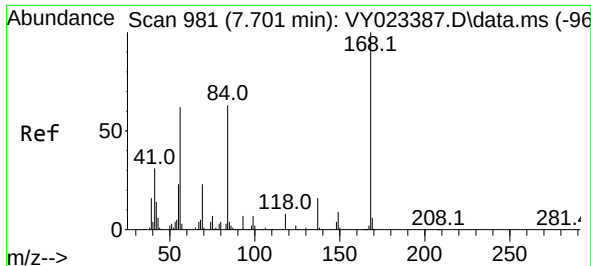
Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 464230

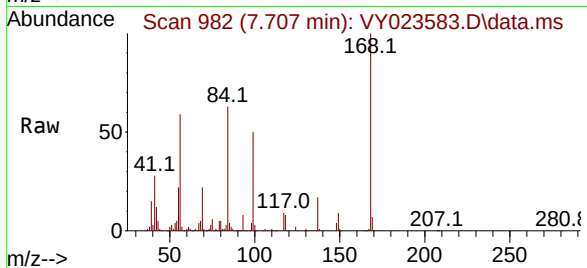
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7





#31
Cyclohexane
Concen: 43.698 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

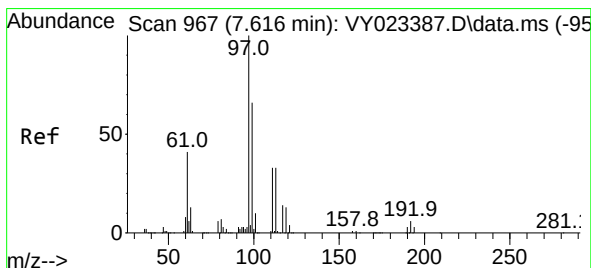
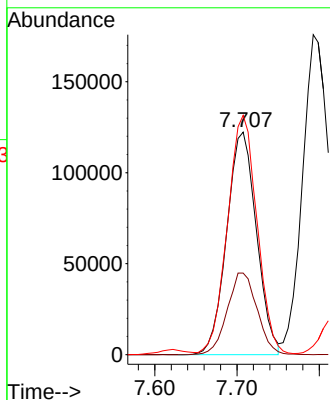
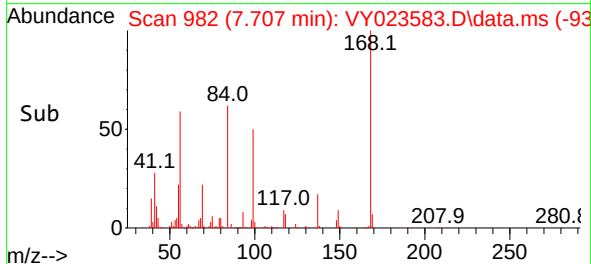
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



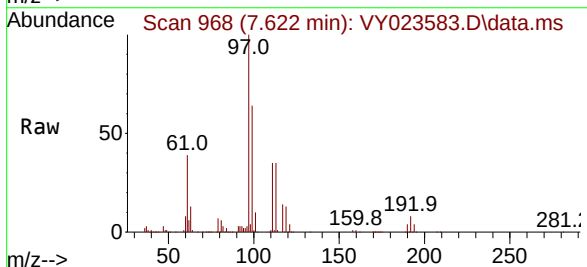
Tgt Ion: 56 Resp: 30833
Ion Ratio Lower Upper
56 100
69 36.7 30.0 45.0
84 105.7 81.2 121.8

Manual Integrations
APPROVED

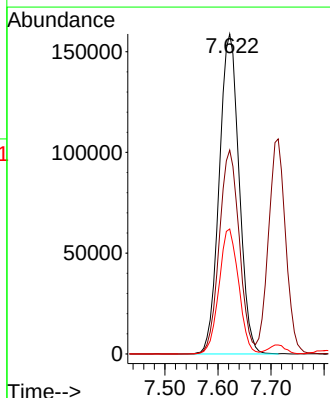
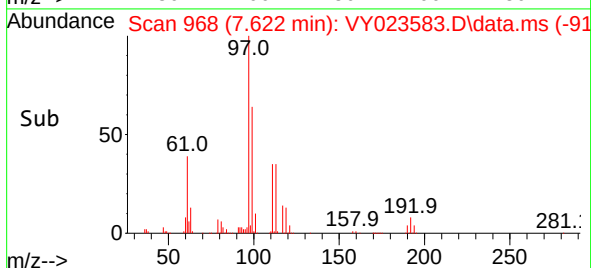
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

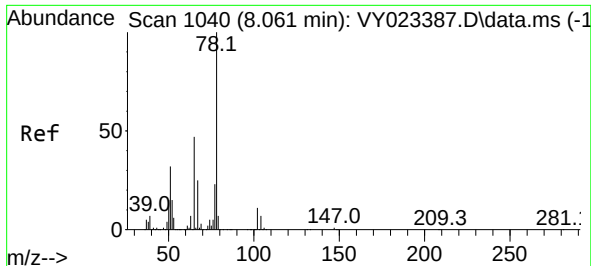


#32
1,1,1-Trichloroethane
Concen: 51.234 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 97 Resp: 413313
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.364 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 196658

Ion Ratio Lower Upper

65 100

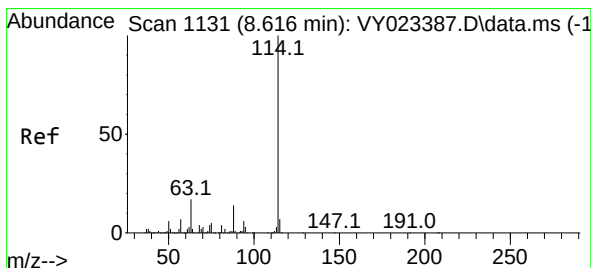
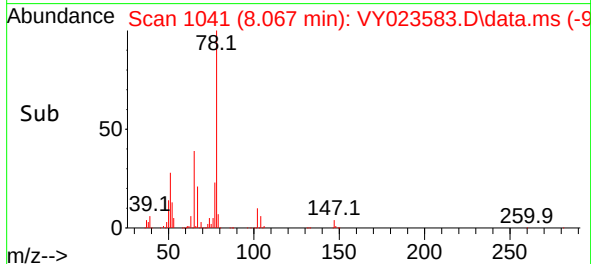
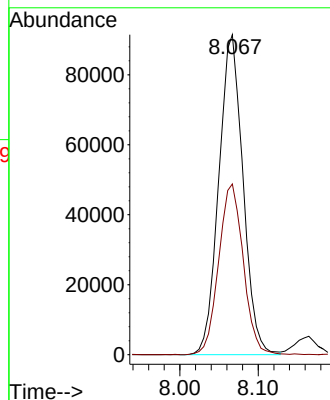
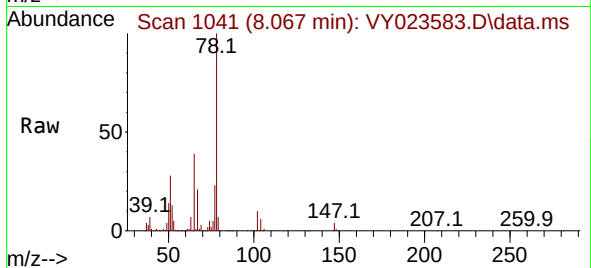
67 54.1 0.0 105.8

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: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

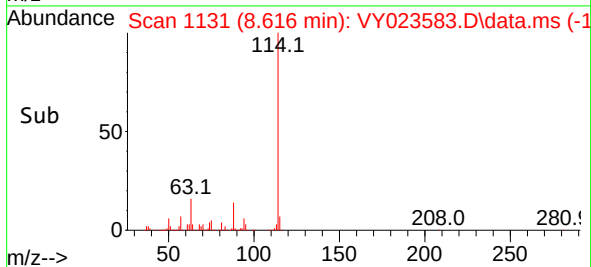
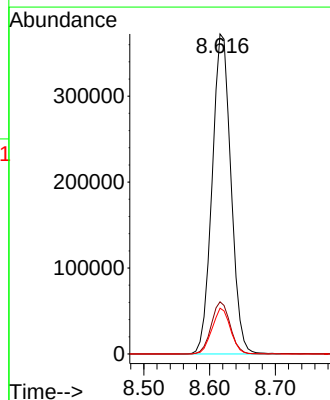
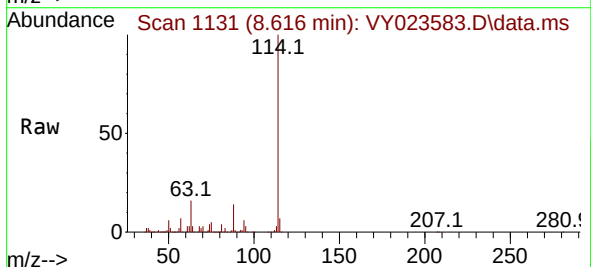
Tgt Ion:114 Resp: 742233

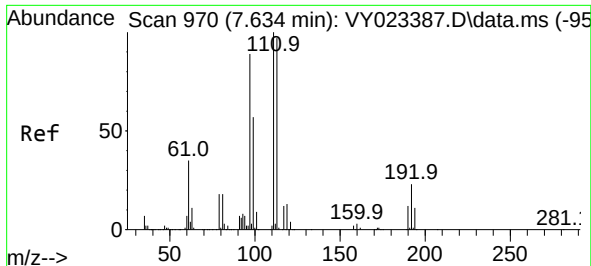
Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.2

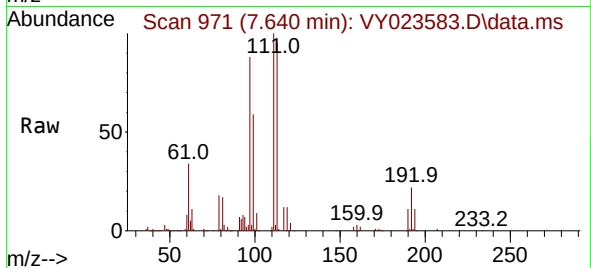
88 14.3 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

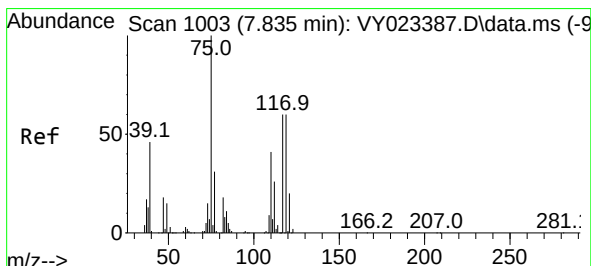
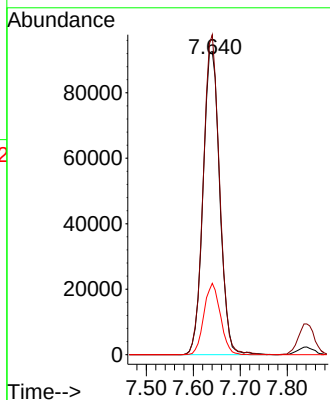
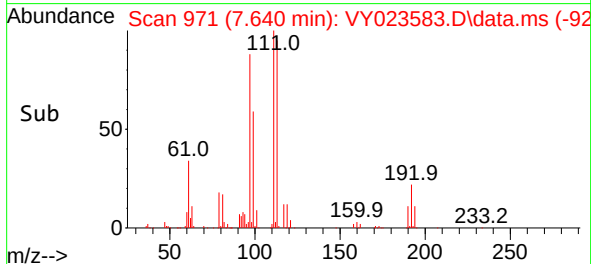
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



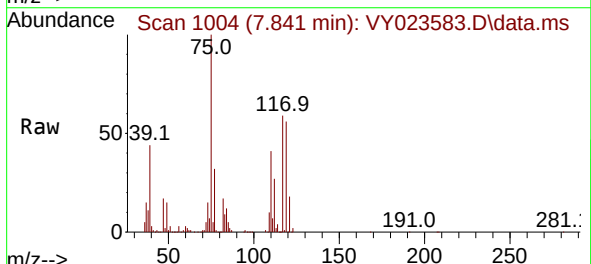
Tgt Ion:113 Resp: 22828
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 23.2 18.0 27.0

Manual Integrations
APPROVED

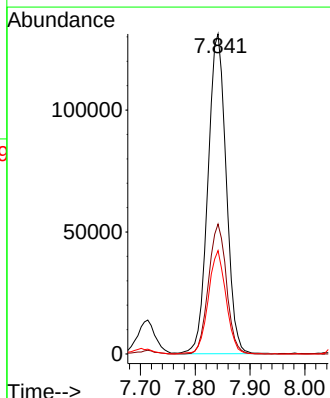
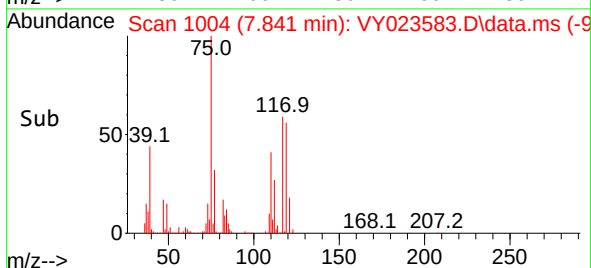
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

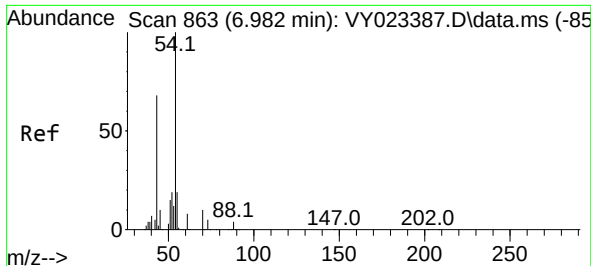


#36
1,1-Dichloropropene
Concen: 50.126 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 75 Resp: 302655
Ion Ratio Lower Upper
75 100
110 40.2 19.9 59.7
77 31.6 25.0 37.6





#37

Ethyl Acetate

Concen: 46.950 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 112300

Ion Ratio Lower Upper

43 100

61 17.1 11.8 17.8

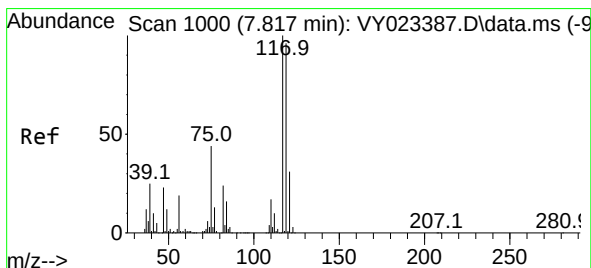
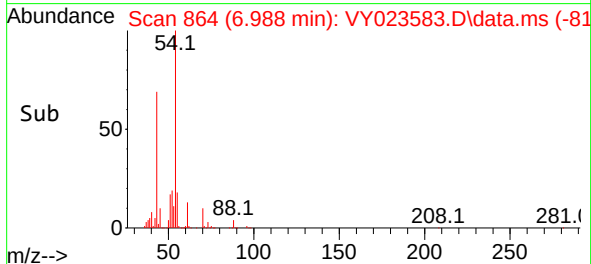
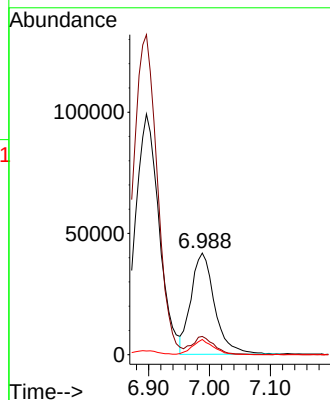
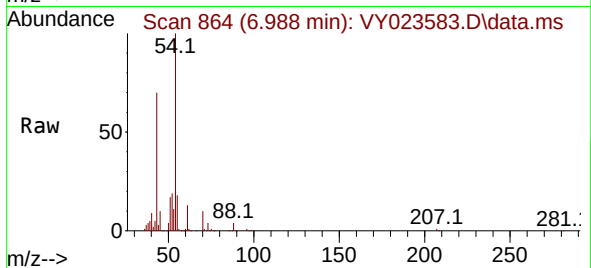
70 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 51.133 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

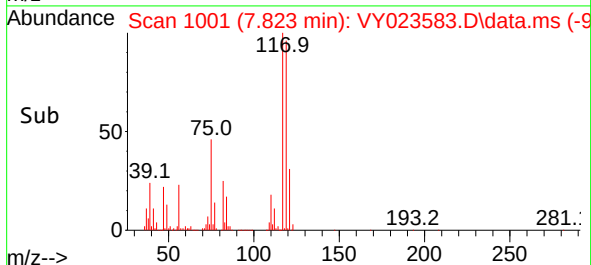
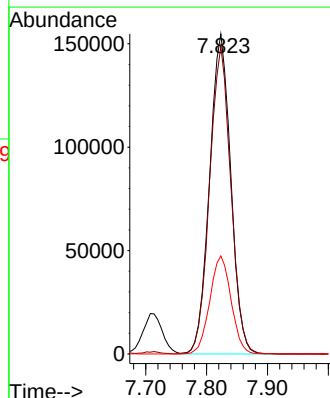
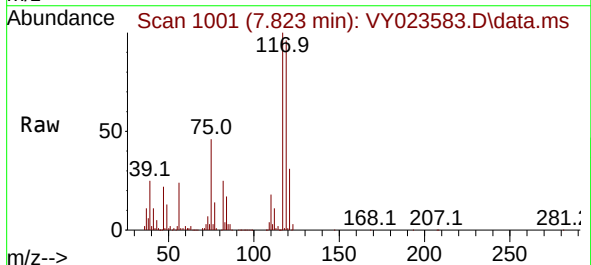
Tgt Ion:117 Resp: 374359

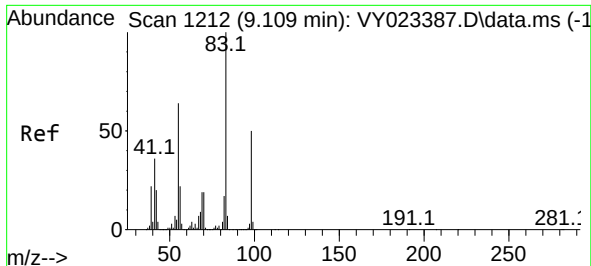
Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2

121 30.6 24.5 36.7





#39

Methylcyclohexane

Concen: 49.151 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 38639

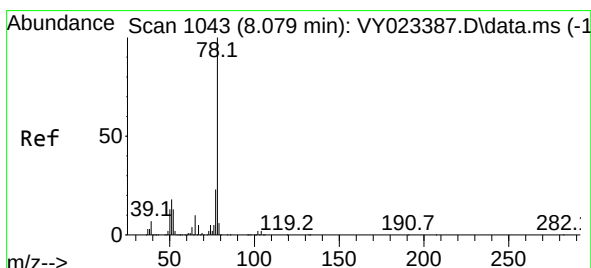
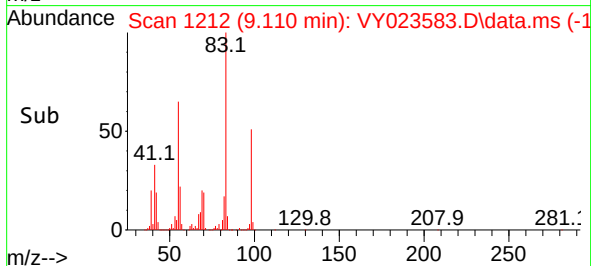
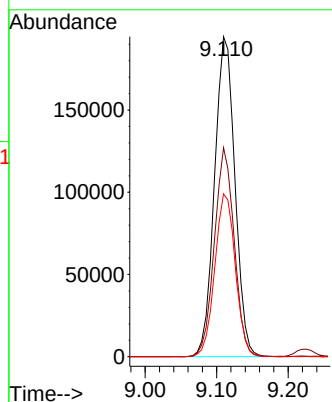
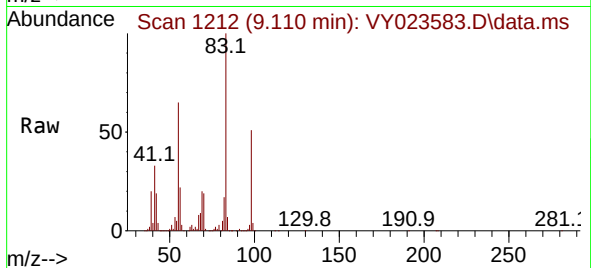
Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.4	77.2
98	50.9	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 51.750 ug/l

RT: 8.085 min Scan# 1044

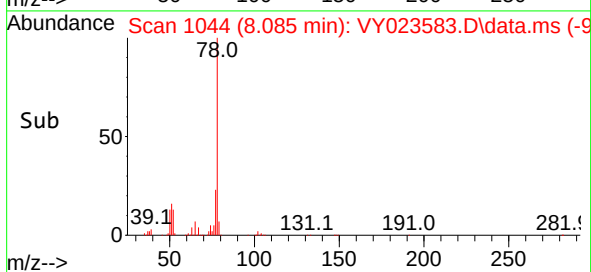
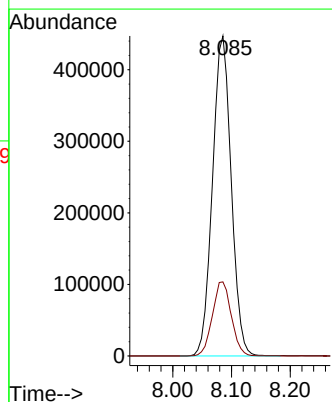
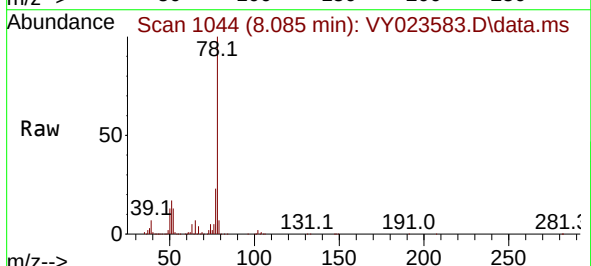
Delta R.T. 0.006 min

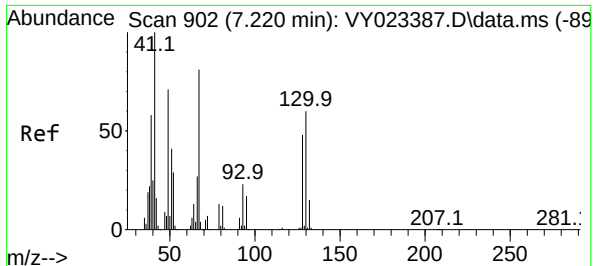
Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion: 78 Resp: 989530

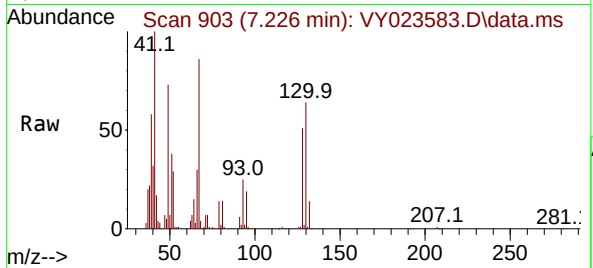
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5





#41
Methacrylonitrile
Concen: 48.731 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

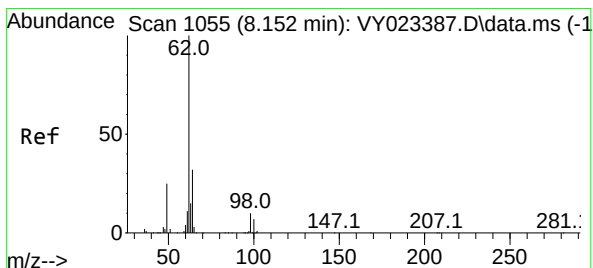
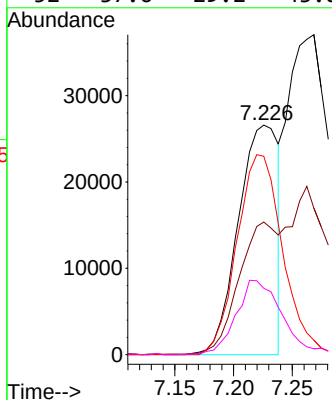
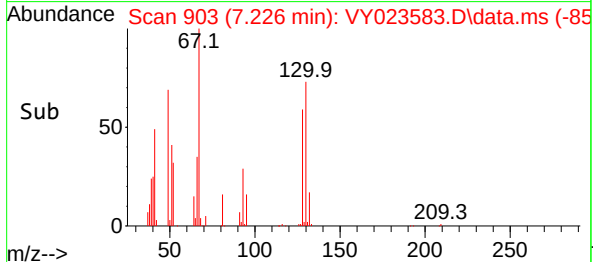
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



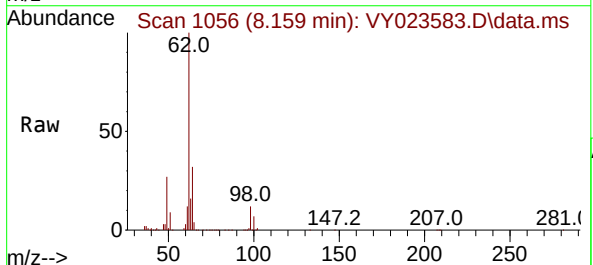
Tgt Ion: 41 Resp: 63044
Ion Ratio Lower Upper
41 100
39 56.7 52.2 78.4
67 100.2 74.9 112.3
52 37.6 29.2 43.8

Manual Integrations
APPROVED

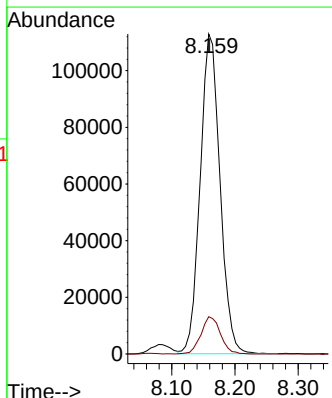
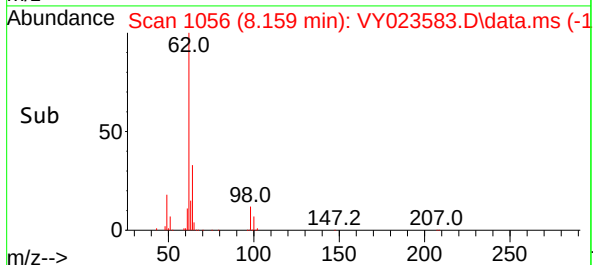
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

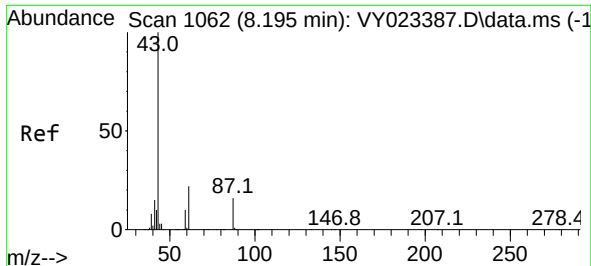


#42
1,2-Dichloroethane
Concen: 49.949 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



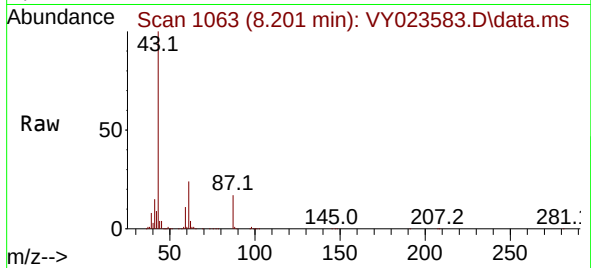
Tgt Ion: 62 Resp: 246319
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6





#43
Isopropyl Acetate
Concen: 48.273 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

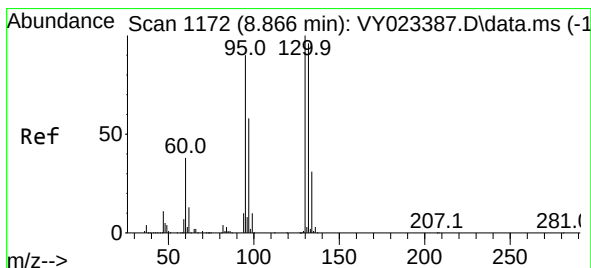
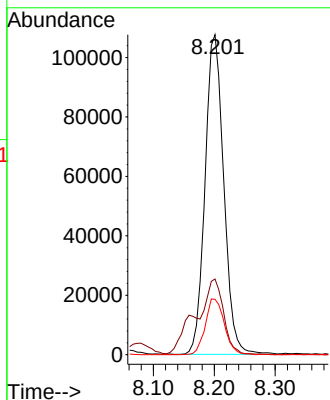
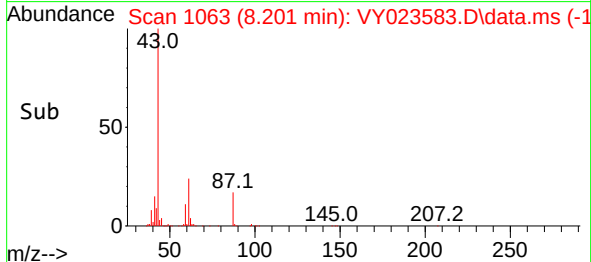
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 230249
Ion Ratio Lower Upper
43 100
61 22.9 18.1 27.1
87 17.8 13.5 20.3

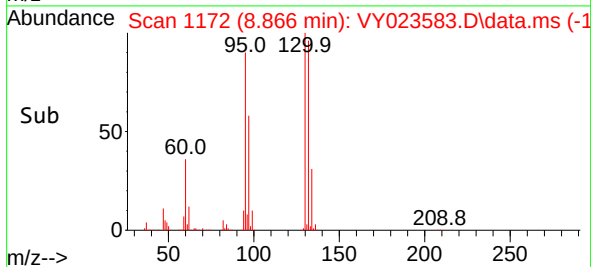
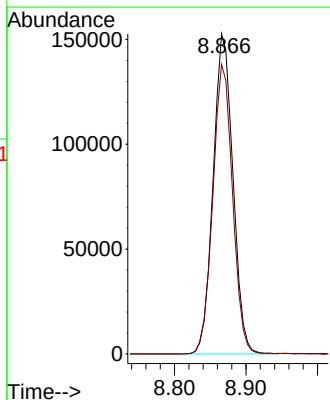
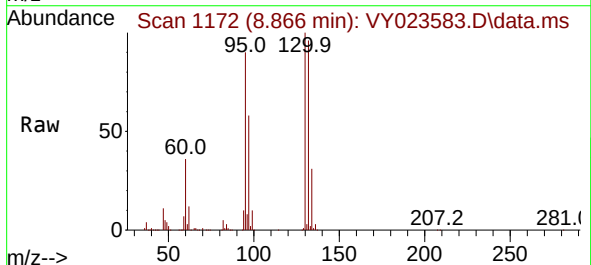
Manual Integrations
APPROVED

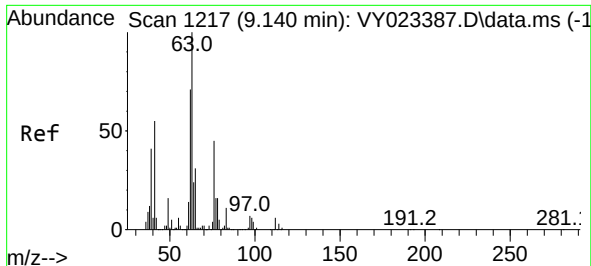
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 52.437 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:130 Resp: 293471
Ion Ratio Lower Upper
130 100
95 90.5 0.0 180.6





#45

1,2-Dichloropropane

Concen: 52.426 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 221418

Ion Ratio Lower Upper

63 100

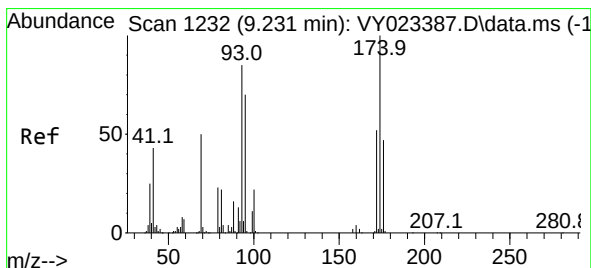
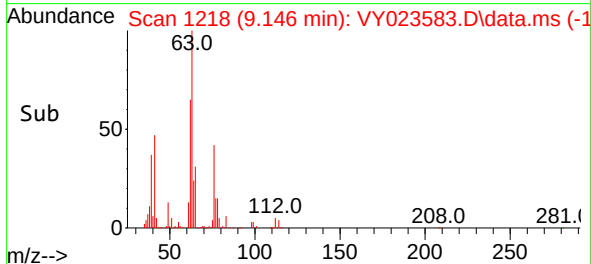
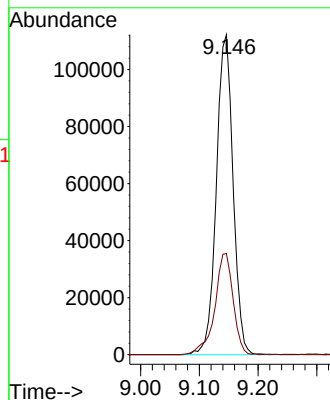
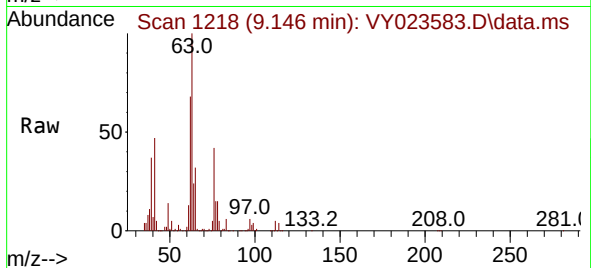
65 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 53.491 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

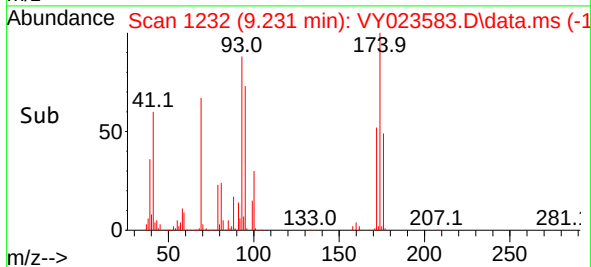
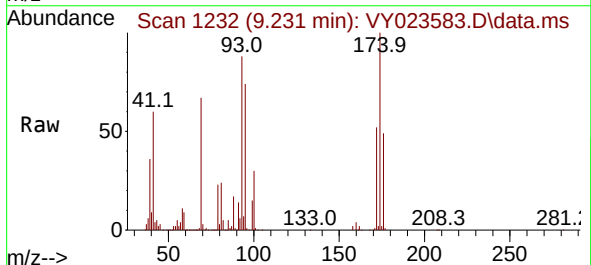
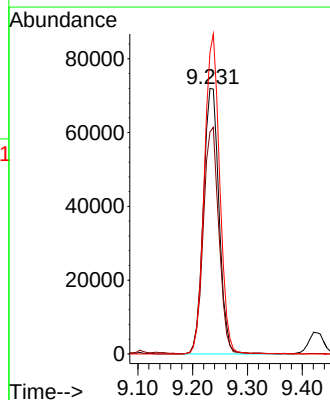
Tgt Ion: 93 Resp: 142853

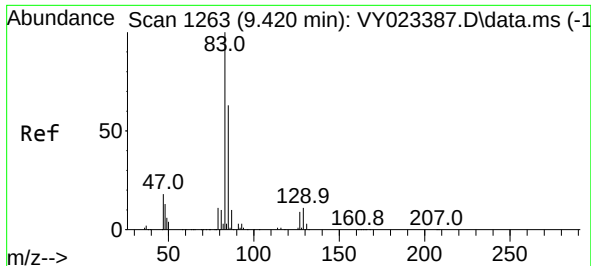
Ion Ratio Lower Upper

93 100

95 84.4 65.4 98.0

174 117.3 92.9 139.3





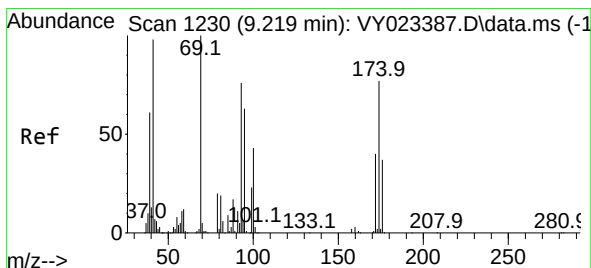
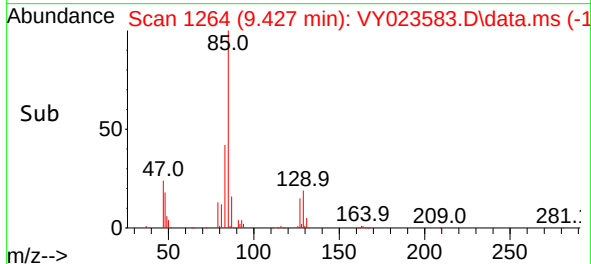
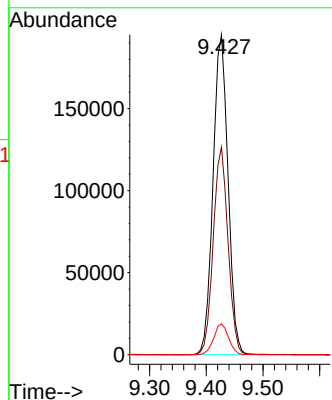
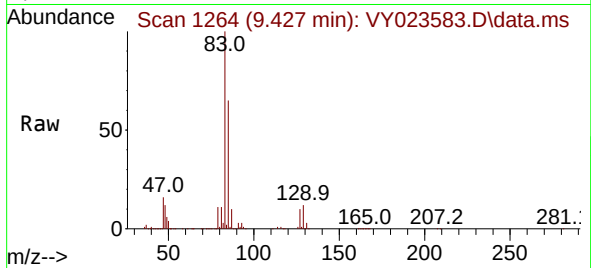
#47
Bromodichloromethane
Concen: 53.231 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 35803
Ion Ratio Lower Upper
83 100
85 64.9 50.8 76.2
127 9.6 7.4 11.2

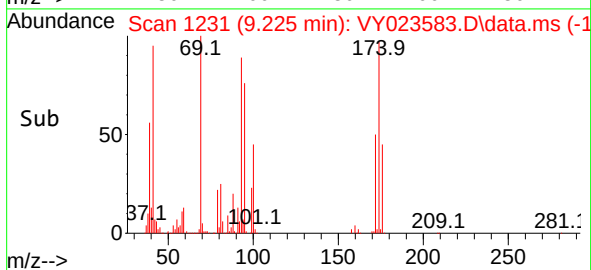
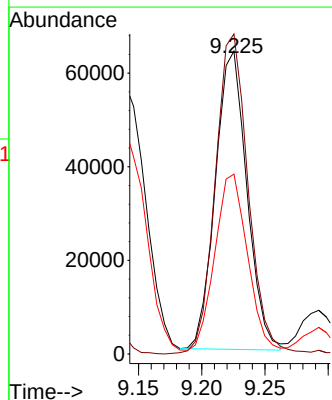
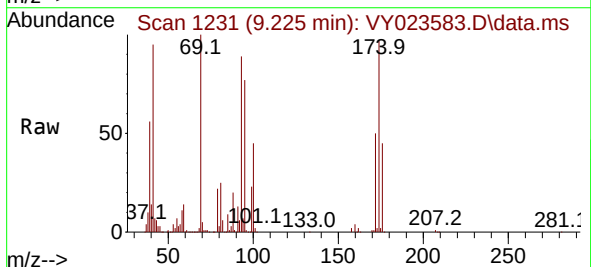
Manual Integrations
APPROVED

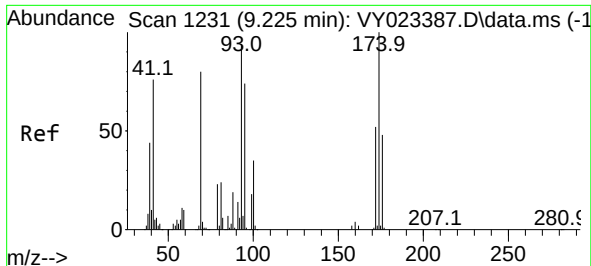
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 49.312 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 110497
Ion Ratio Lower Upper
41 100
69 111.5 81.0 121.4
39 63.2 48.2 72.4





#49

1,4-Dioxane

Concen: 1029.589 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

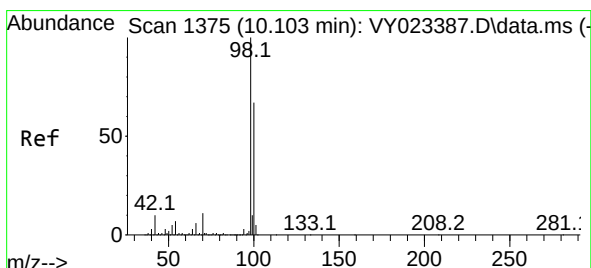
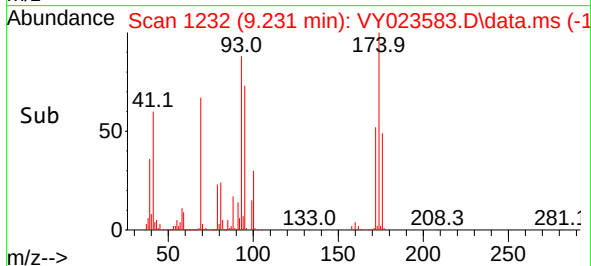
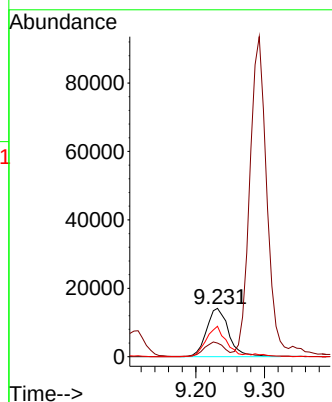
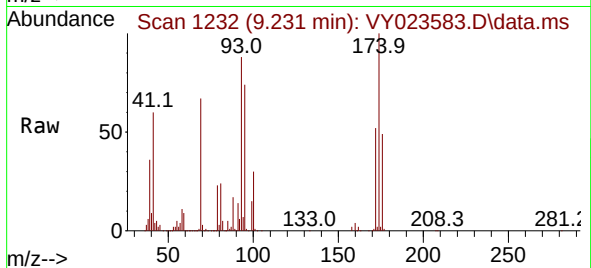
Tgt Ion:	88	Resp:	31880
Ion Ratio	Lower	Upper	
88	100		
43	26.1	21.8	32.8
58	57.7	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 49.231 ug/l

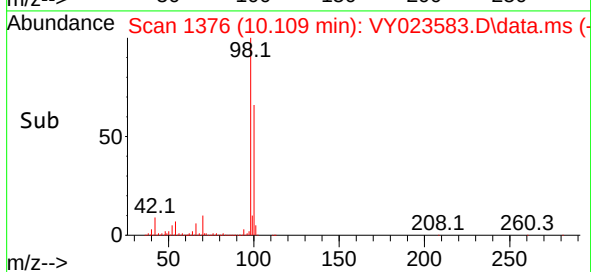
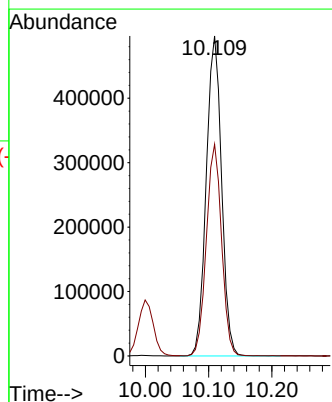
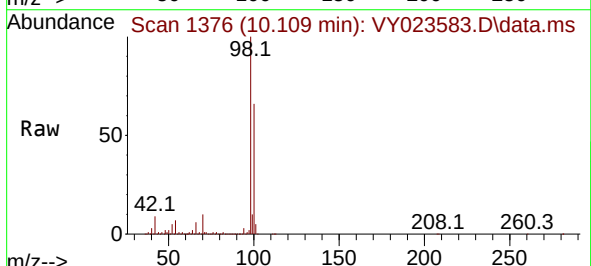
RT: 10.109 min Scan# 1376

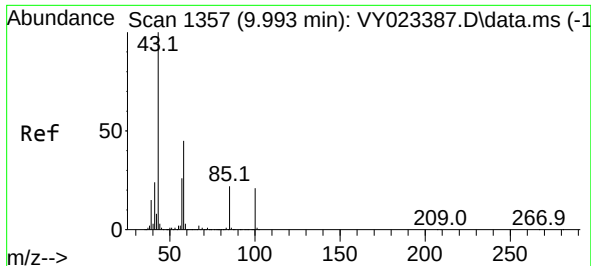
Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion:	98	Resp:	836159
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 256.268 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 631539

Ion Ratio Lower Upper

43 100

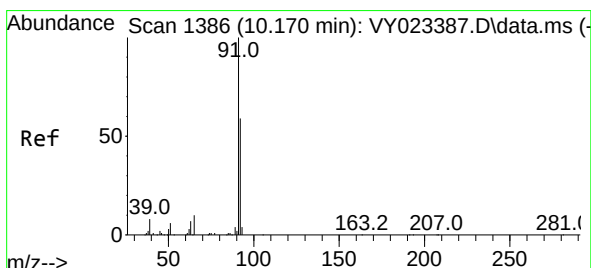
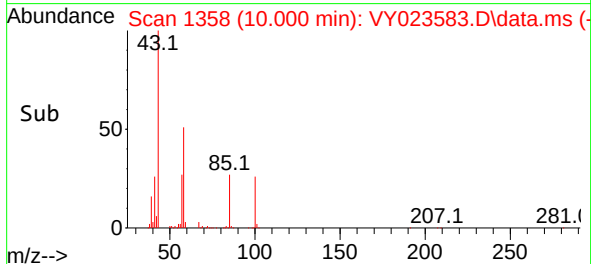
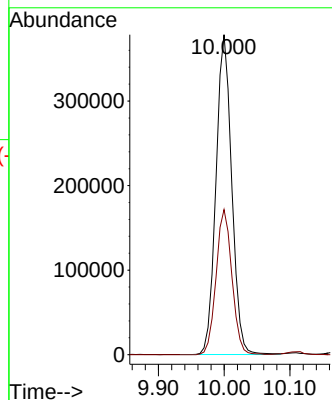
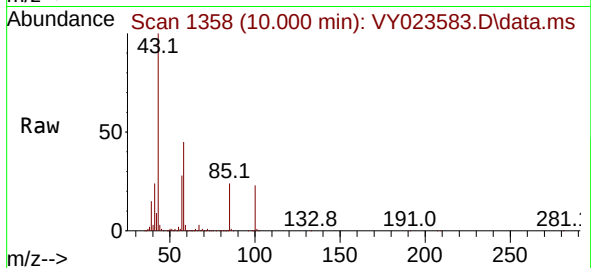
58 45.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#52

Toluene

Concen: 53.602 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023583.D

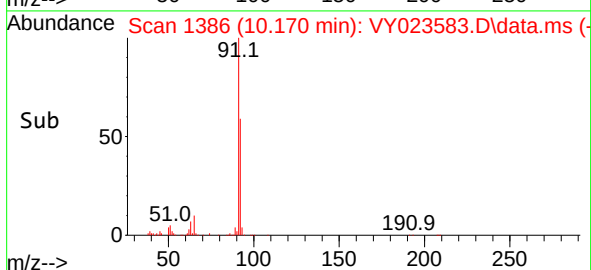
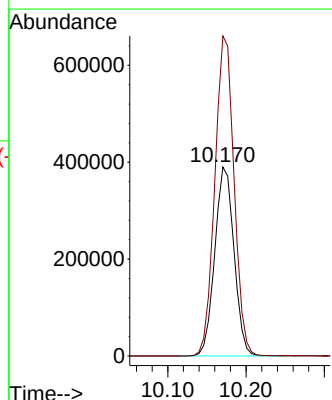
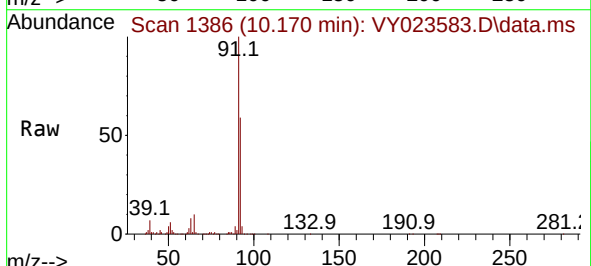
Acq: 24 Oct 2025 19:06

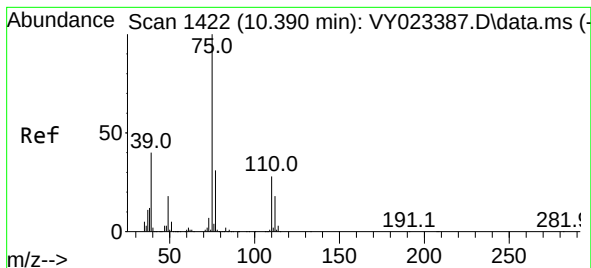
Tgt Ion: 92 Resp: 665485

Ion Ratio Lower Upper

92 100

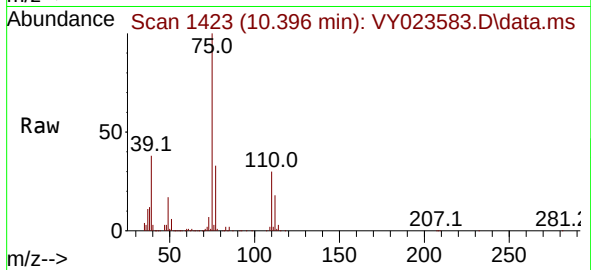
91 169.7 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 51.933 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

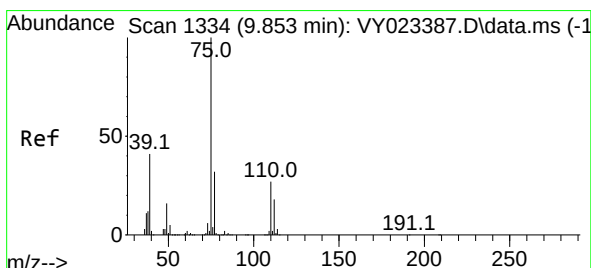
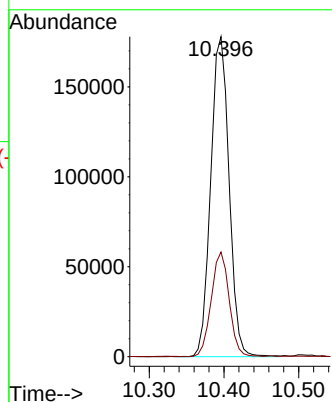
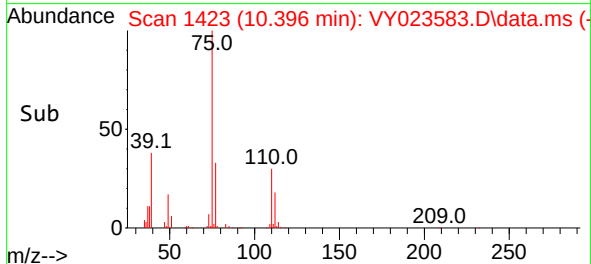
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 303725
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

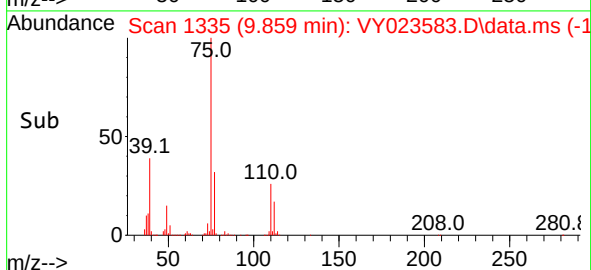
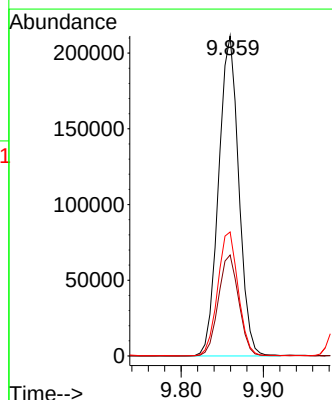
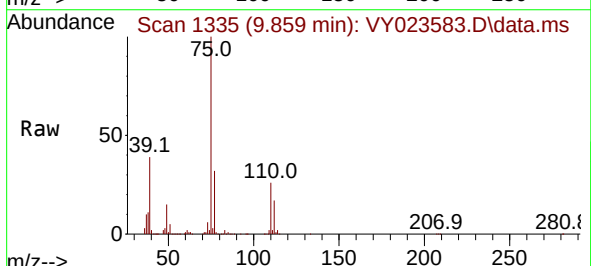
Manual Integrations
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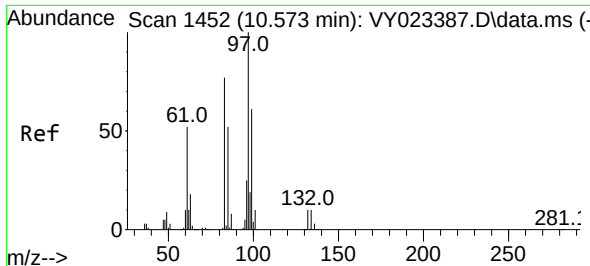
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

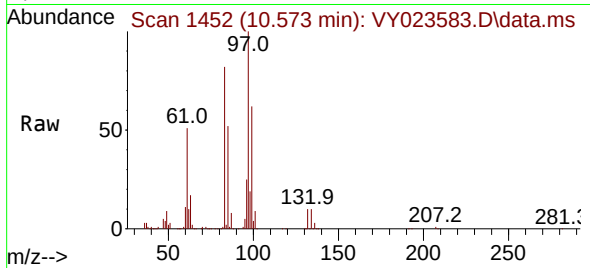
Tgt Ion: 75 Resp: 360060
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 38.7 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 54.660 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

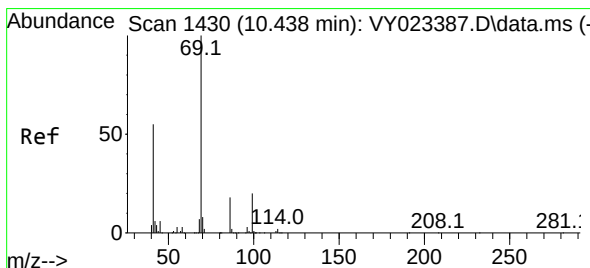
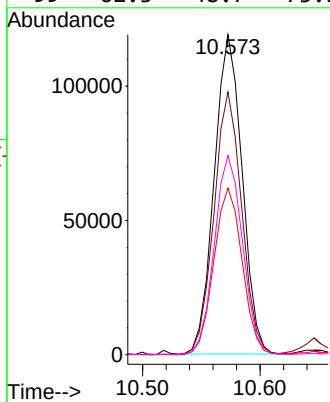
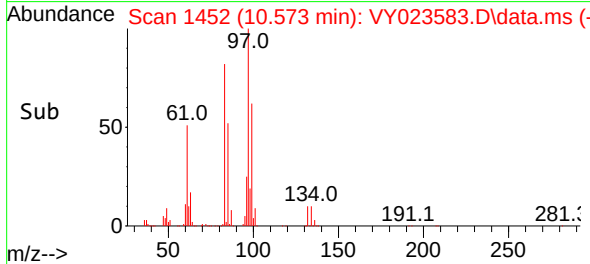
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



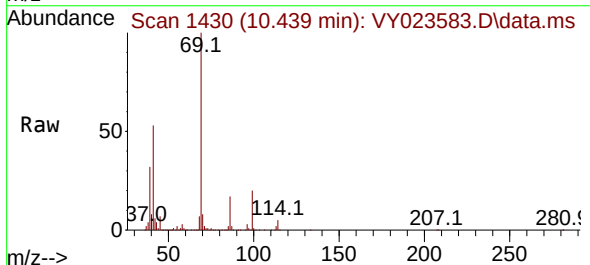
Tgt Ion:	97	Resp:	196300
Ion	Ratio	Lower	Upper
97	100		
83	82.3	61.8	92.6
85	52.2	41.3	61.9
99	62.3	48.7	73.1

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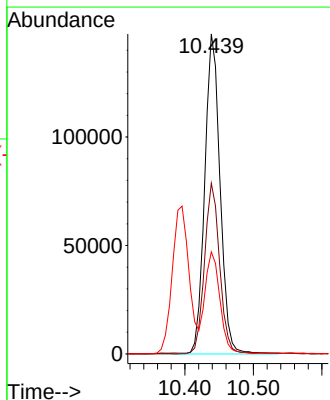
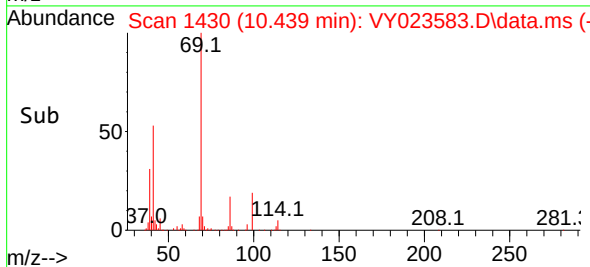
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

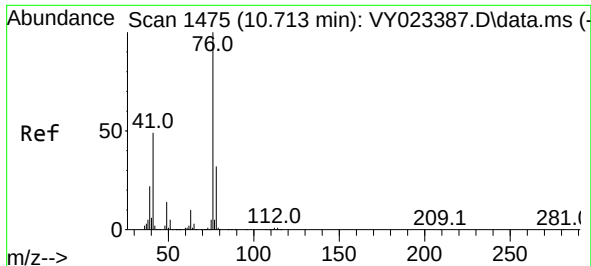


#56
Ethyl methacrylate
Concen: 55.470 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



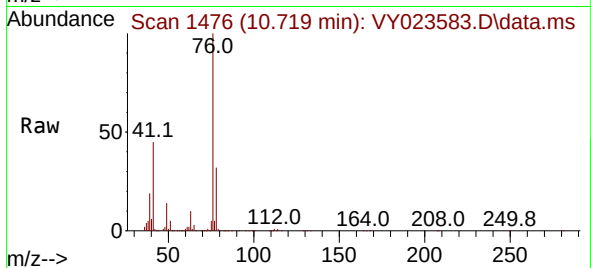
Tgt Ion:	69	Resp:	229792
Ion	Ratio	Lower	Upper
69	100		
41	52.2	44.6	67.0
39	30.6	27.0	40.4





#57
1,3-Dichloropropane
Concen: 53.336 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

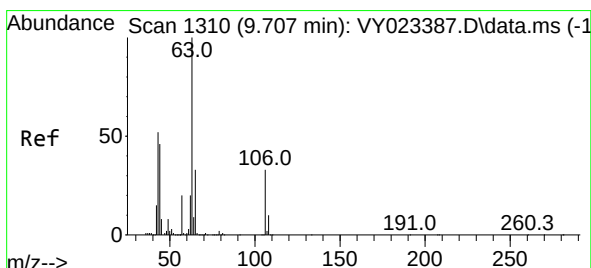
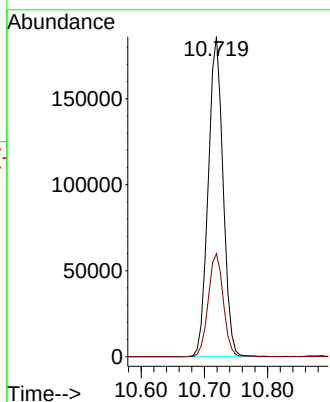
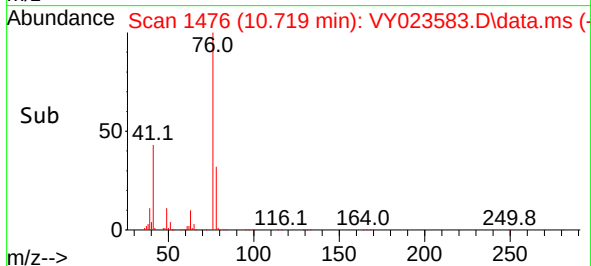
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 303529
Ion Ratio Lower Upper
76 100
78 32.9 25.9 38.9

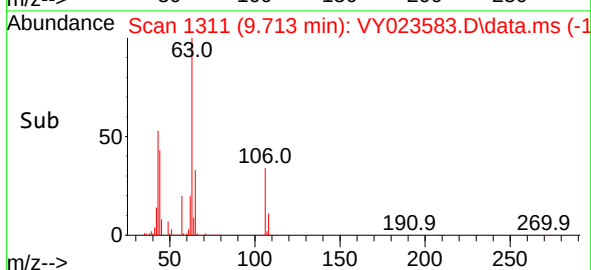
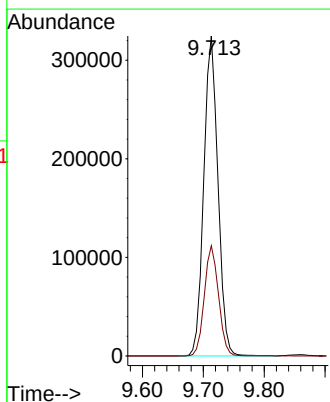
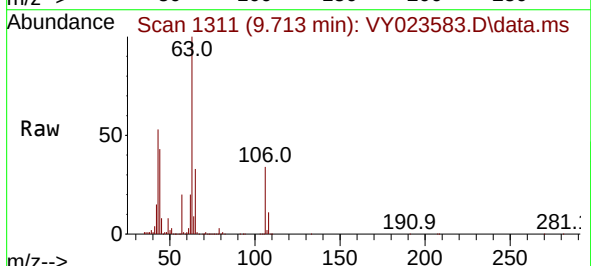
Manual Integrations
APPROVED

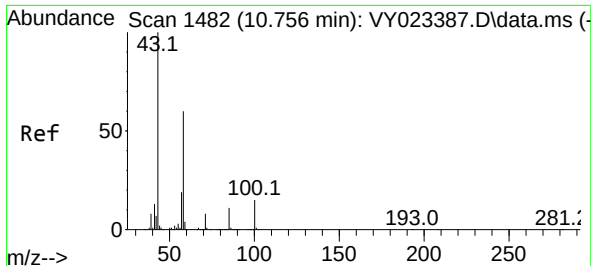
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 282.585 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

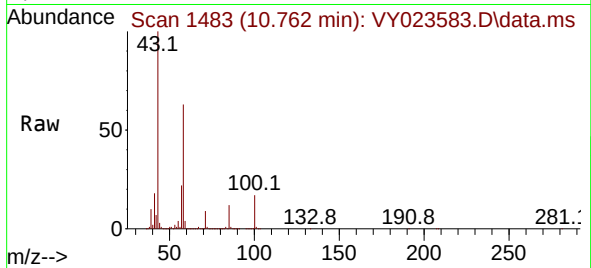
Tgt Ion: 63 Resp: 524417
Ion Ratio Lower Upper
63 100
106 34.4 26.6 39.8





#59
2-Hexanone
Concen: 243.040 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

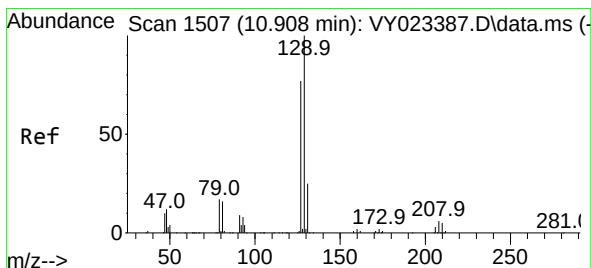
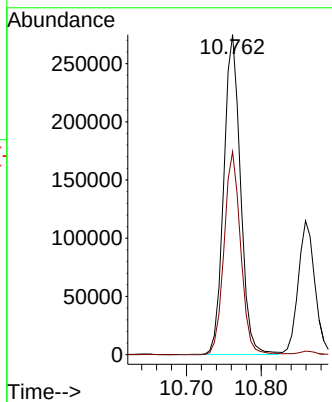
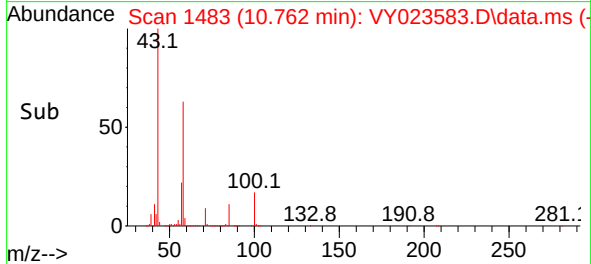
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 428030
Ion Ratio Lower Upper
43 100
58 63.0 30.5 91.5

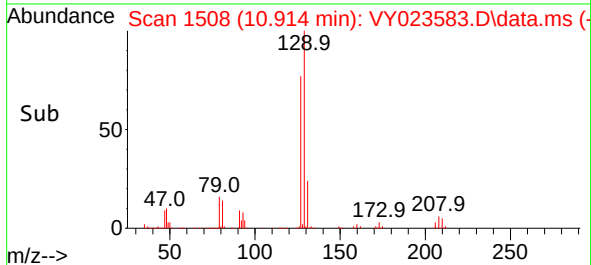
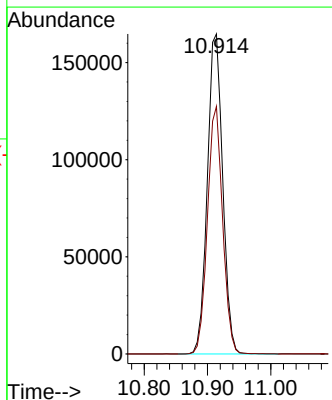
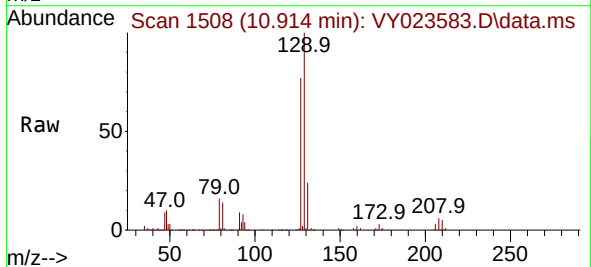
Manual Integrations
APPROVED

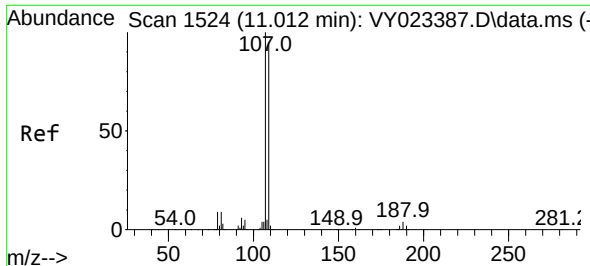
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 55.230 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

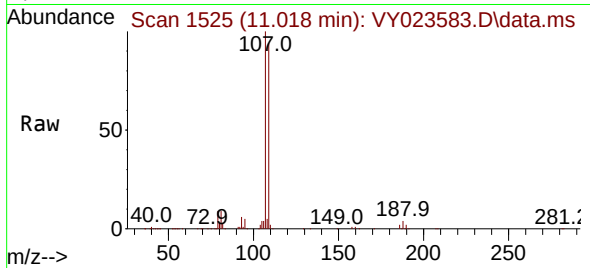
Tgt Ion:129 Resp: 278085
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 54.370 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

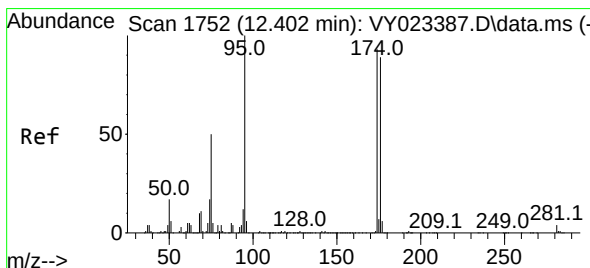
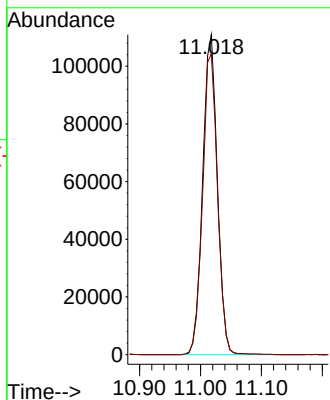
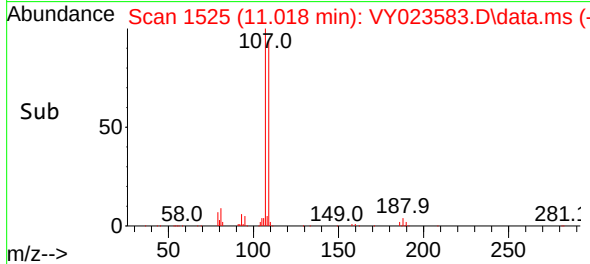
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 186217
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1

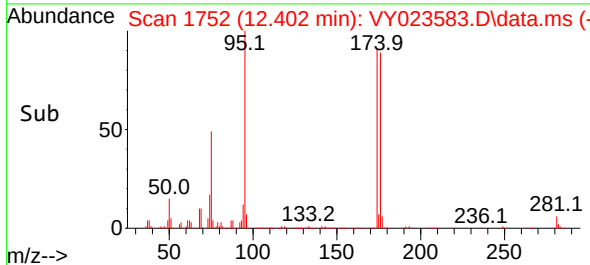
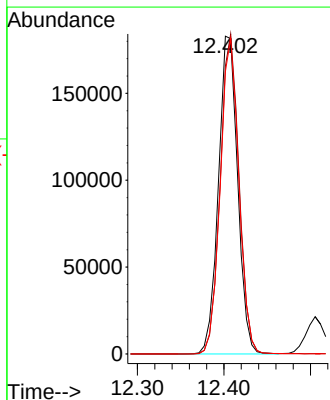
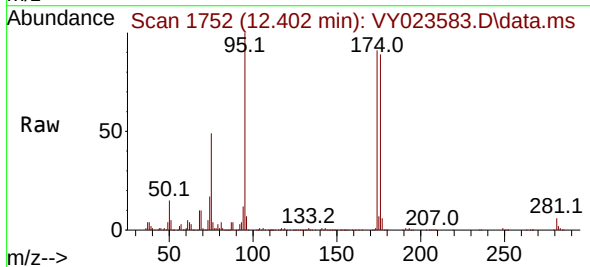
Manual Integrations
APPROVED

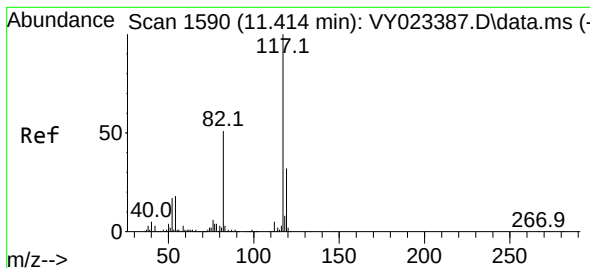
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 50.285 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

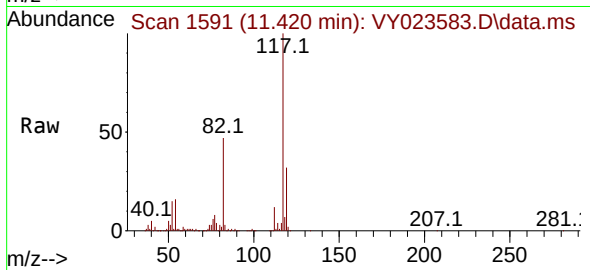
Tgt Ion: 95 Resp: 281968
Ion Ratio Lower Upper
95 100
174 98.1 0.0 192.8
176 96.2 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11591
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

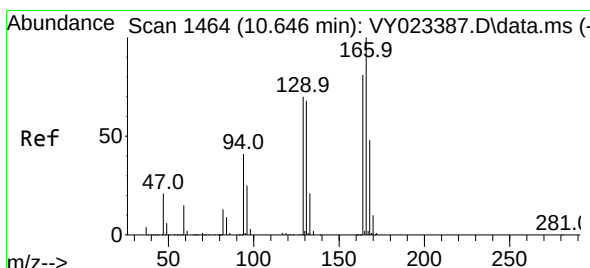
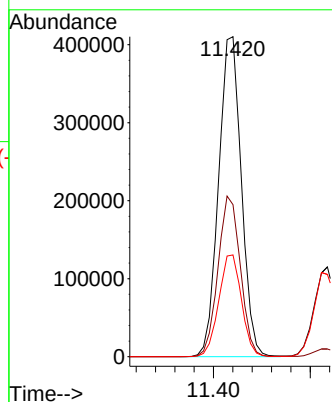
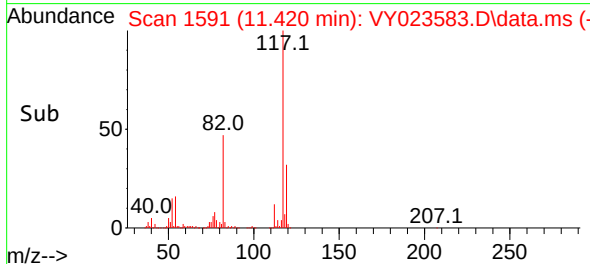
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



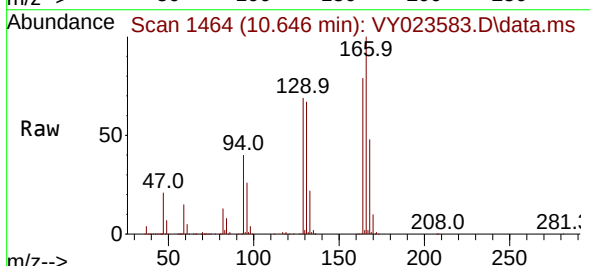
Tgt Ion:117 Resp: 66874
Ion Ratio Lower Upper
117 100
82 47.5 41.0 61.4
119 31.8 25.6 38.4

Manual Integrations
APPROVED

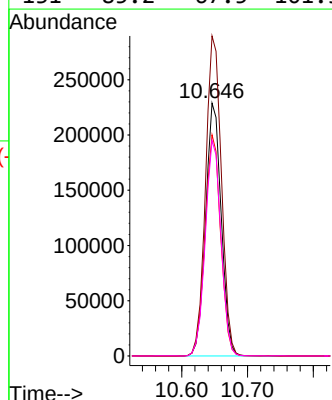
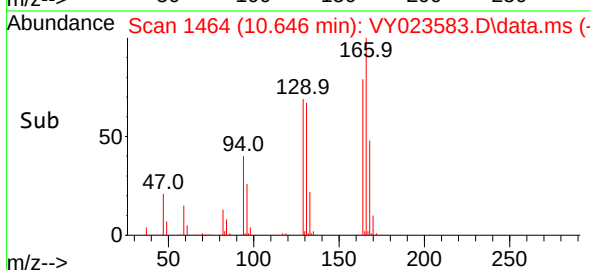
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

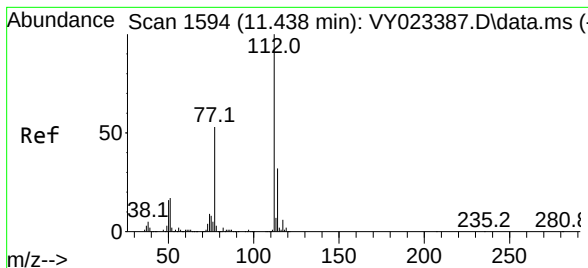


#64
Tetrachloroethene
Concen: 54.866 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



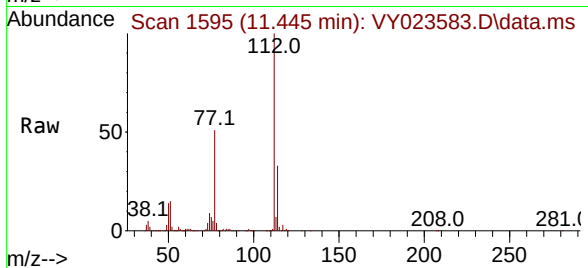
Tgt Ion:164 Resp: 378855
Ion Ratio Lower Upper
164 100
166 126.6 99.4 149.0
129 87.5 69.4 104.2
131 85.2 67.5 101.3





#65
Chlorobenzene
Concen: 52.481 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

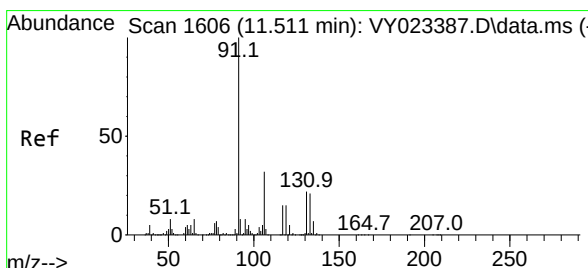
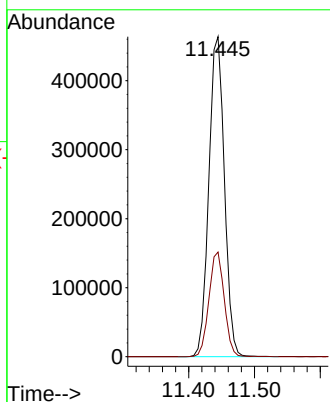
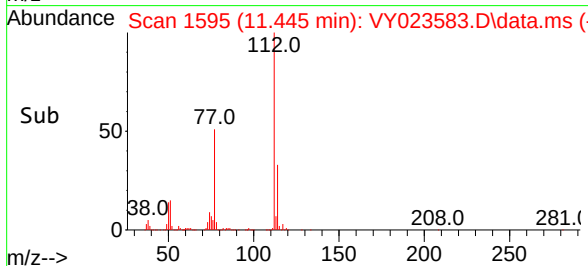
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



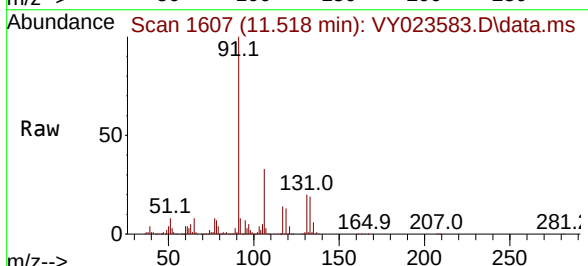
Tgt Ion:112 Resp: 763329
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

Manual Integrations
APPROVED

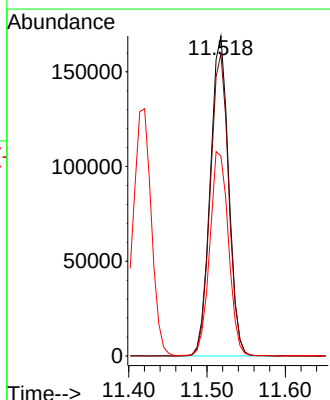
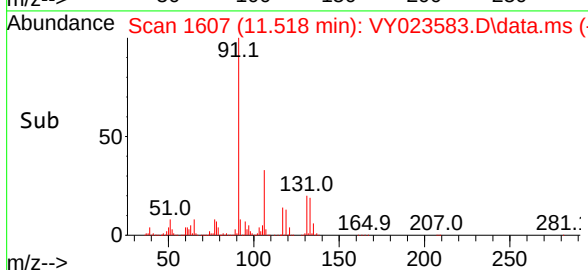
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

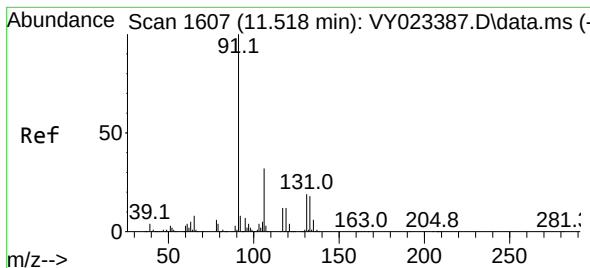


#66
1,1,1,2-Tetrachloroethane
Concen: 52.979 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



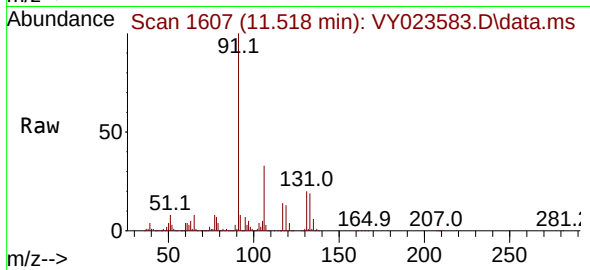
Tgt Ion:131 Resp: 274597
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.2
119 65.3 32.4 97.2





#67
Ethyl Benzene
Concen: 52.985 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

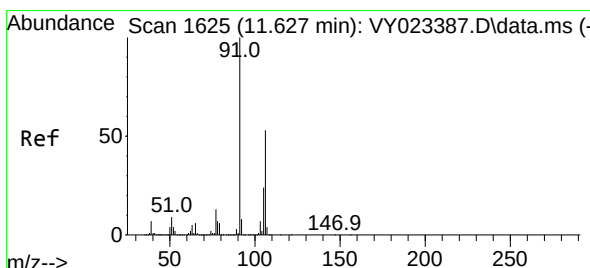
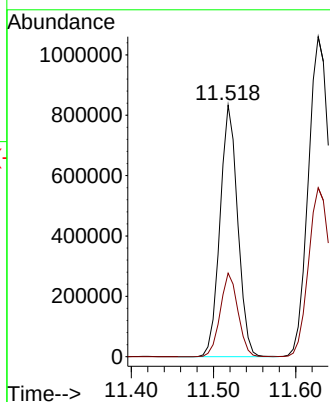
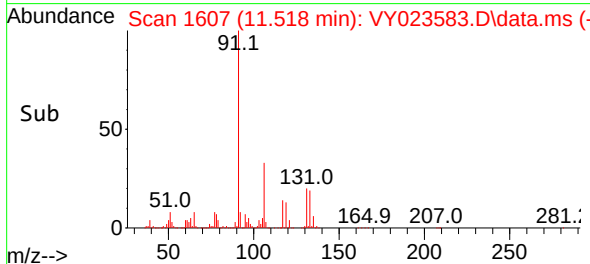
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1247469
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.8

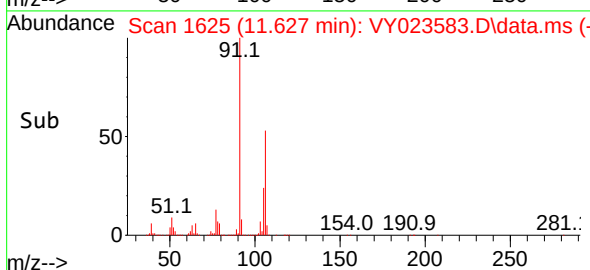
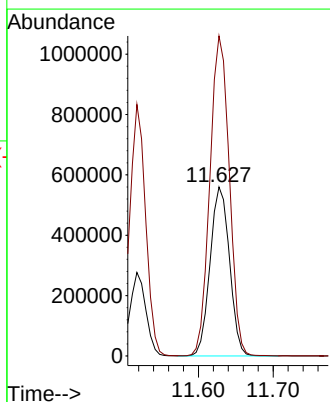
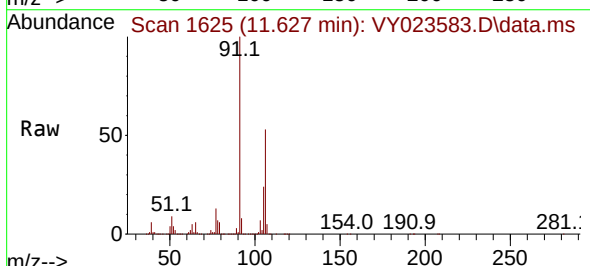
Manual Integrations
APPROVED

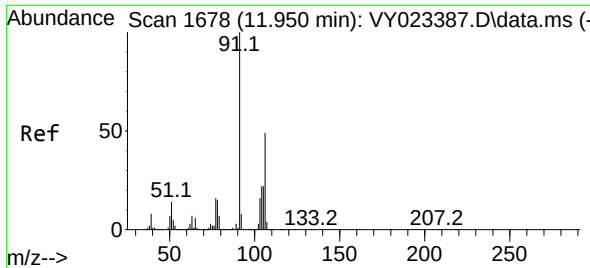
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 106.715 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

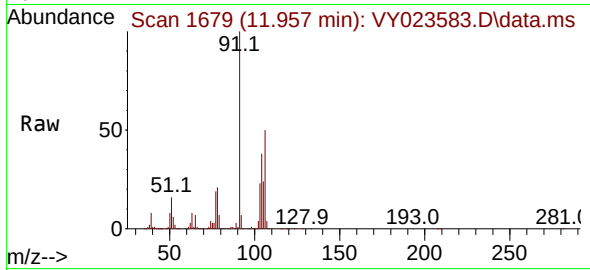
Tgt Ion:106 Resp: 1007740
Ion Ratio Lower Upper
106 100
91 190.1 152.6 229.0





#69
o-Xylene
Concen: 54.018 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

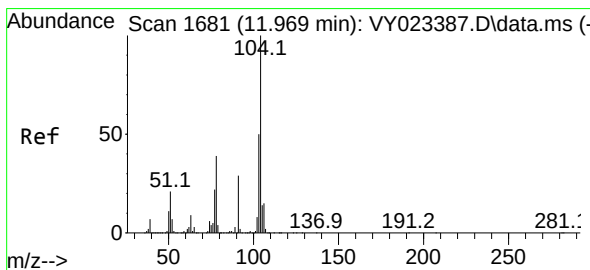
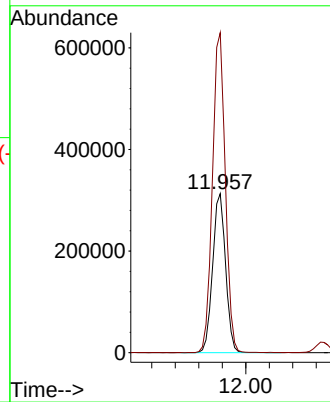
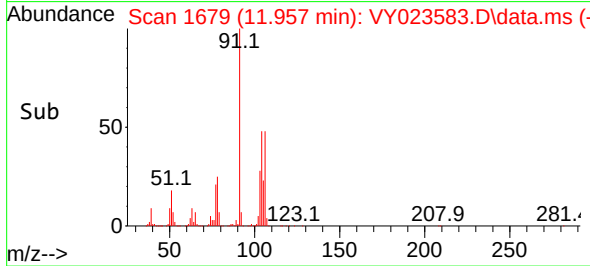
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 478468
Ion Ratio Lower Upper
106 100
91 200.2 101.4 304.1

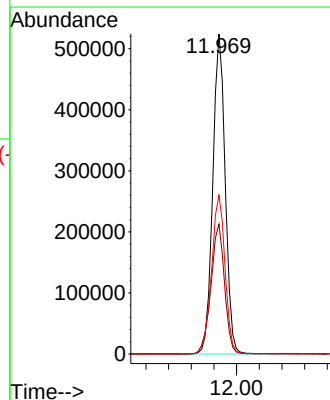
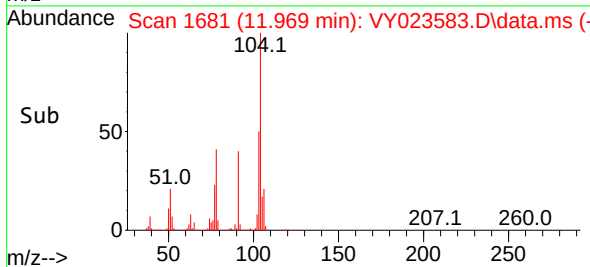
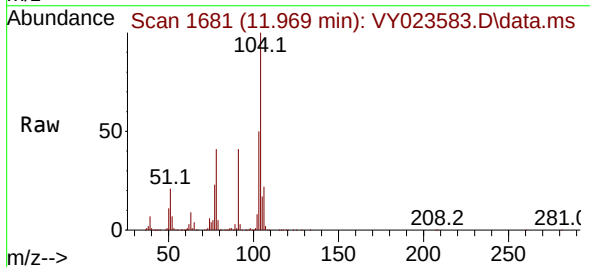
Manual Integrations
APPROVED

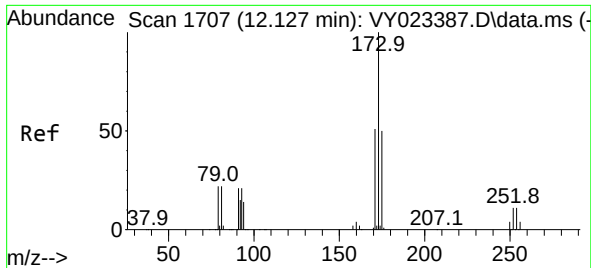
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 54.888 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

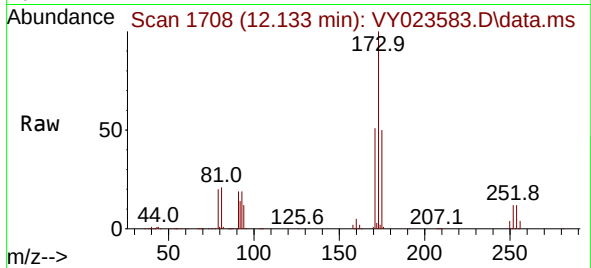
Tgt Ion:104 Resp: 799488
Ion Ratio Lower Upper
104 100
78 44.1 36.1 54.1
103 53.9 43.2 64.8





#71
Bromoform
Concen: 53.216 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

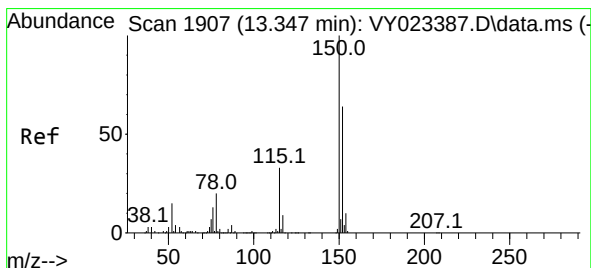
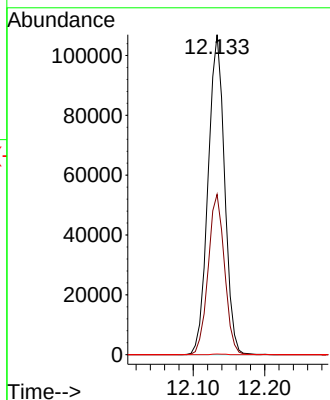
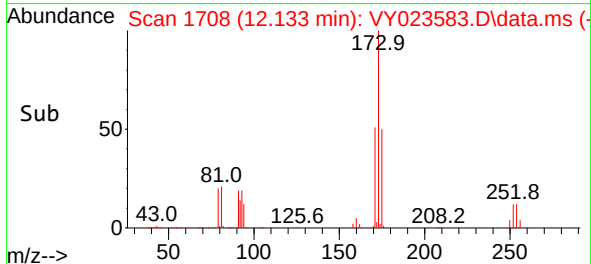
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 171092
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.3
254 0.1 0.1 0.1

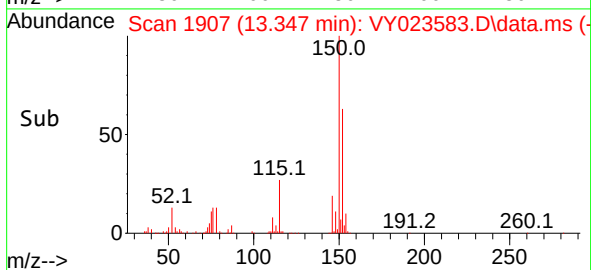
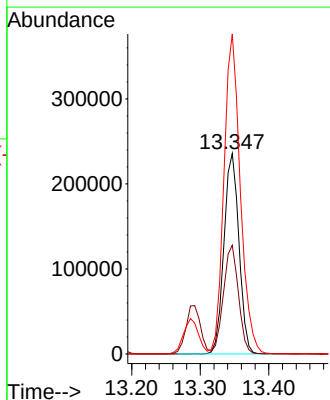
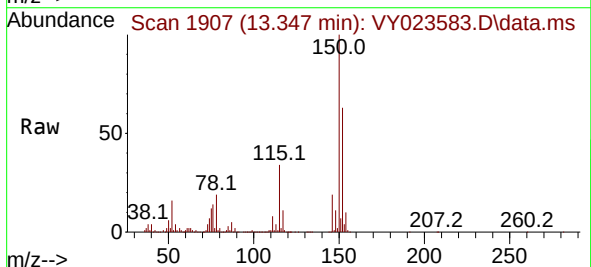
Manual Integrations
APPROVED

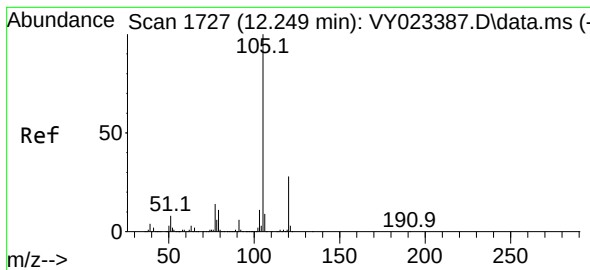
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

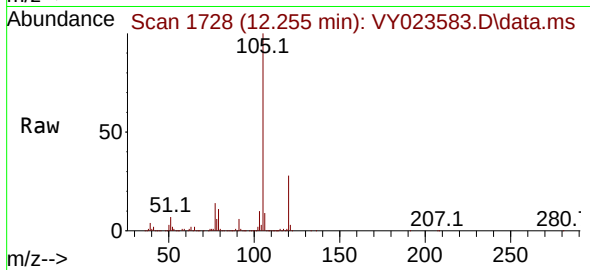
Tgt Ion:152 Resp: 357296
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 174.2 0.0 347.4





#73
Isopropylbenzene
Concen: 52.194 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

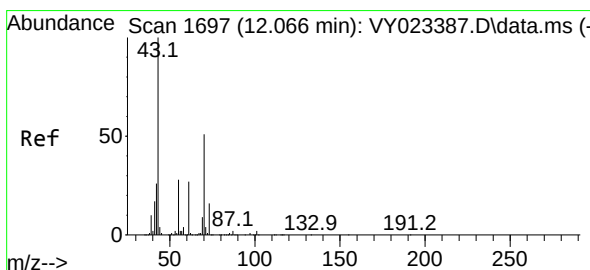
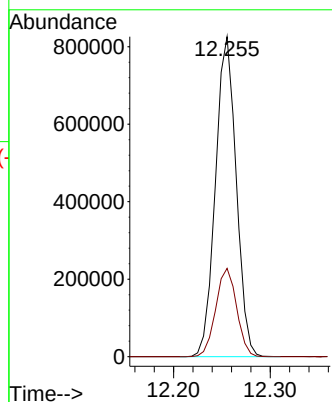
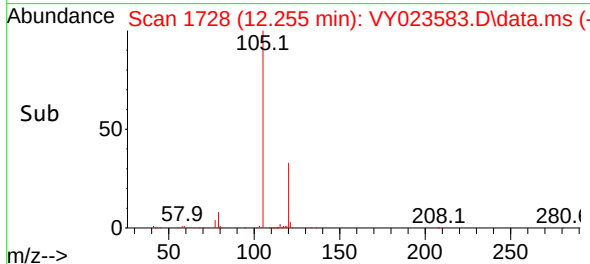
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



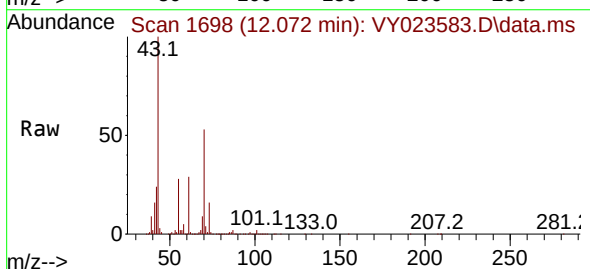
Tgt Ion:105 Resp: 1228980
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7

Manual Integrations
APPROVED

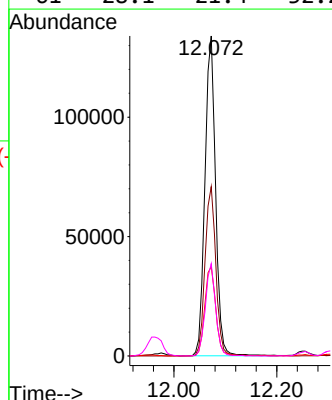
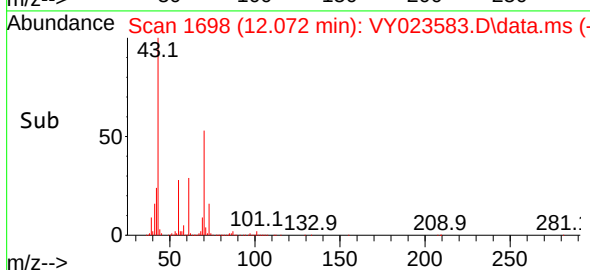
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

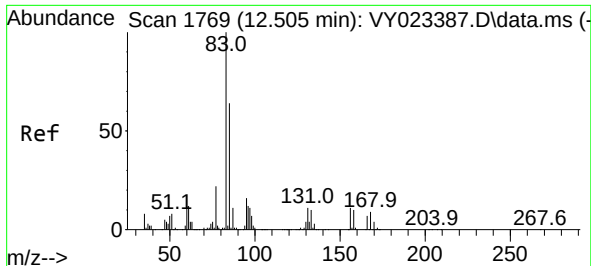


#74
N-ethyl acetate
Concen: 45.395 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



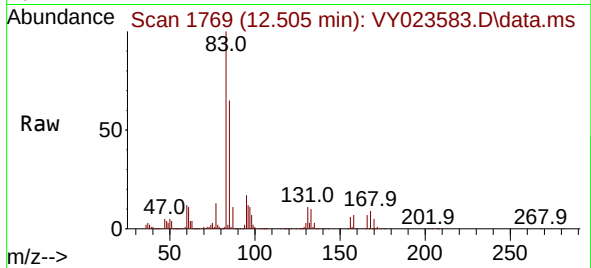
Tgt Ion: 43 Resp: 191987
Ion Ratio Lower Upper
43 100
70 54.1 41.1 61.7
55 29.1 23.0 34.6
61 28.1 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.226 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

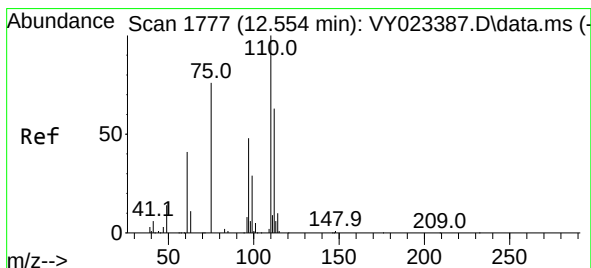
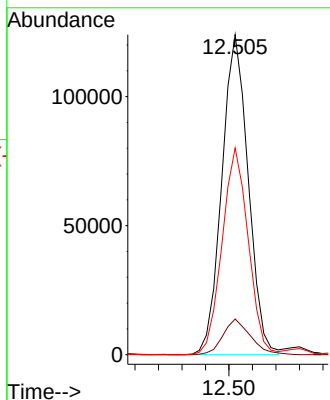
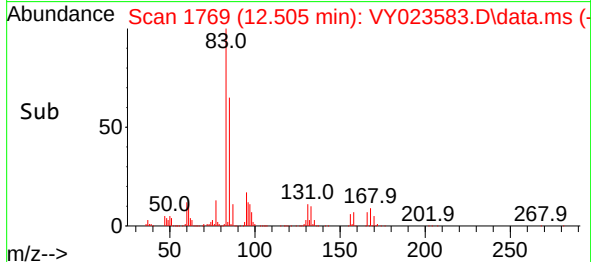
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



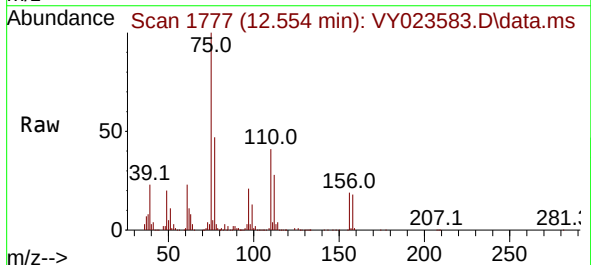
Tgt Ion: 83 Resp: 19342
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 64.0 31.8 95.3

Manual Integrations
APPROVED

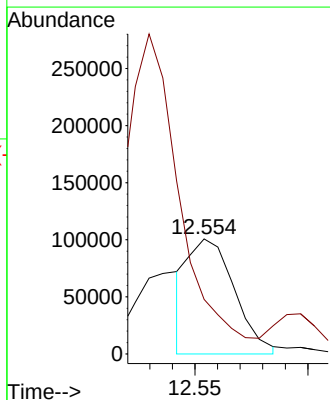
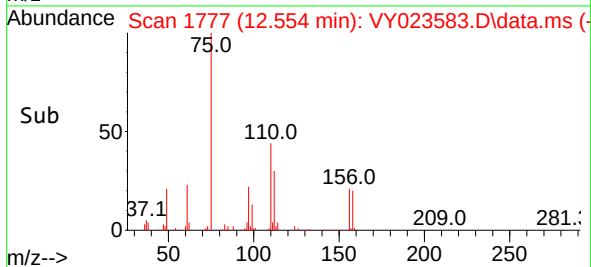
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

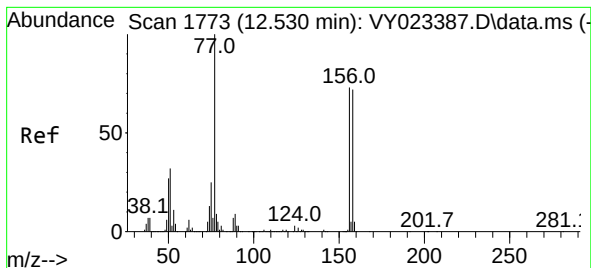


#76
1,2,3-Trichloropropane
Concen: 45.858 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



Tgt Ion: 75 Resp: 144559
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.369 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

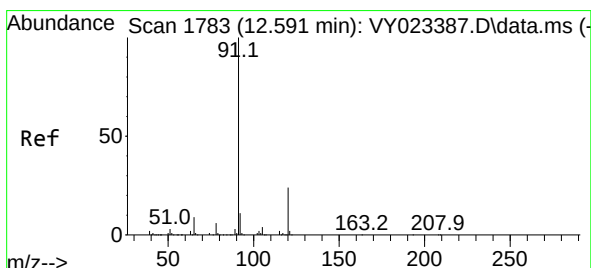
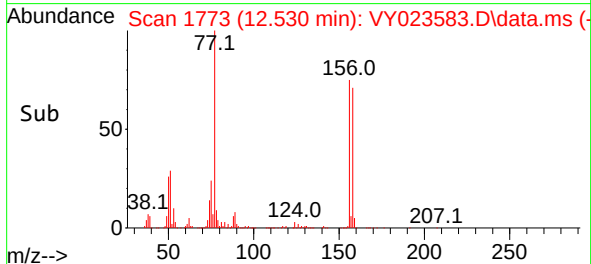
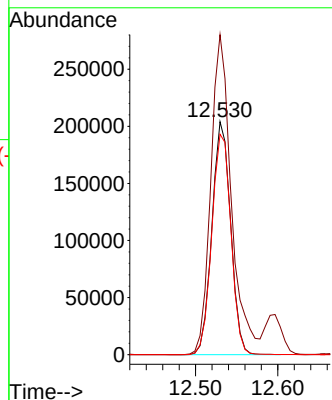
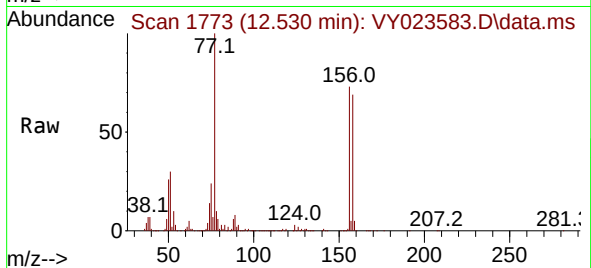
Tgt Ion:	156	Resp:	321558
Ion Ratio	Lower	Upper	
156	100		
77	151.7	76.8	230.5
158	97.1	49.0	147.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 52.451 ug/l

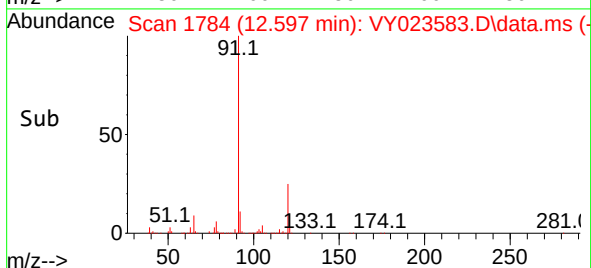
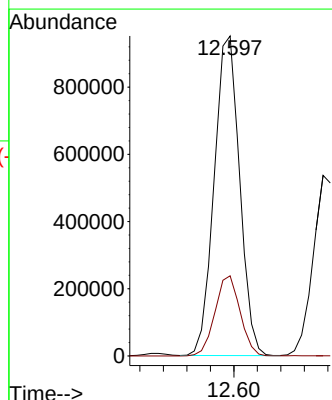
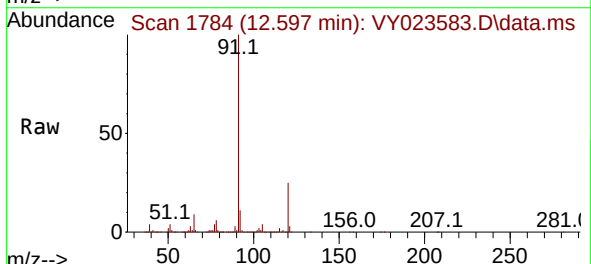
RT: 12.597 min Scan# 1784

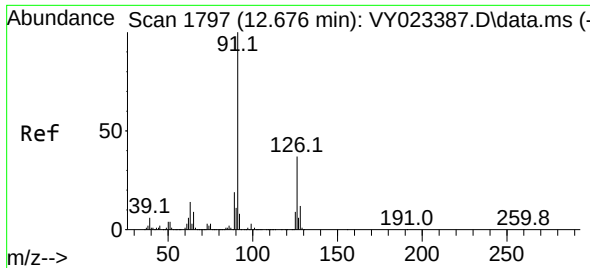
Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion:	91	Resp:	1429172
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.8





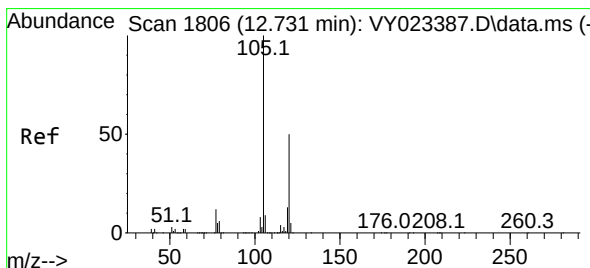
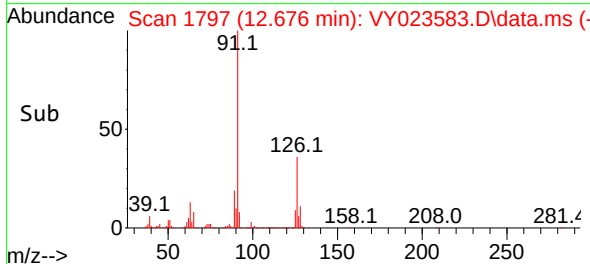
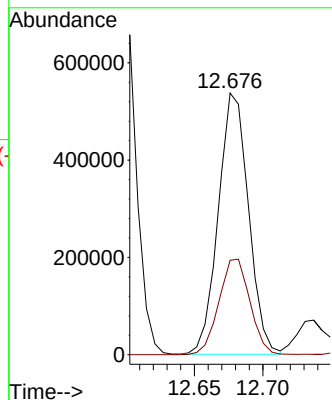
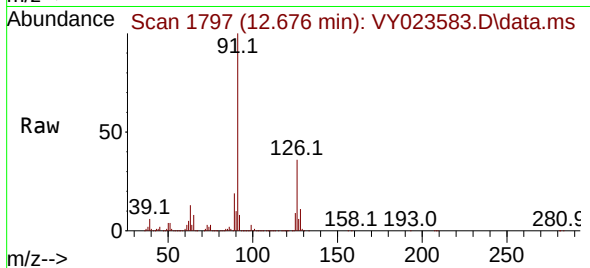
#79
2-Chlorotoluene
Concen: 51.649 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 824123
Ion Ratio Lower Upper
91 100
126 37.6 18.5 55.5

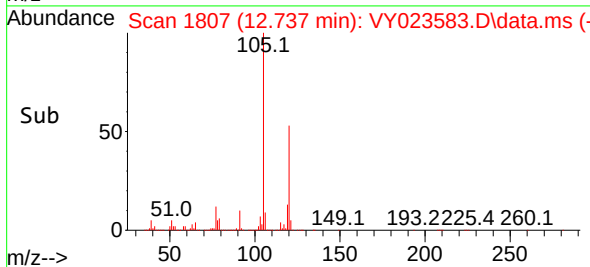
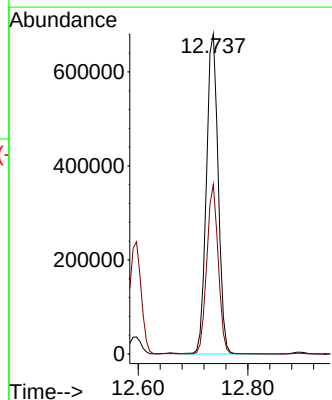
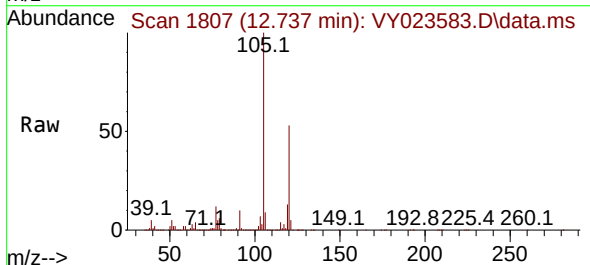
Manual Integrations
APPROVED

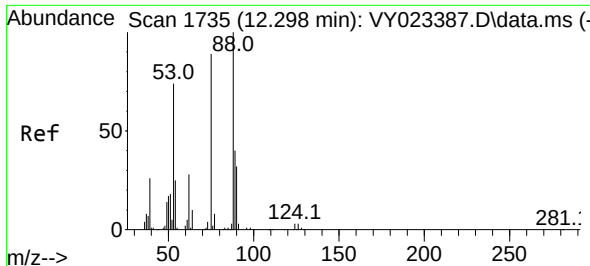
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.013 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

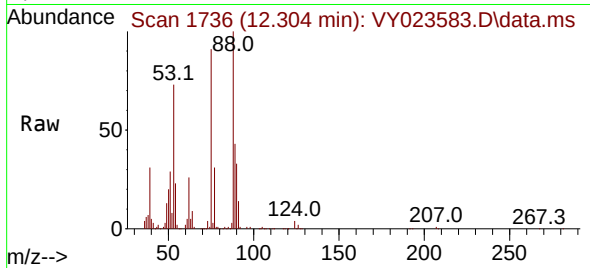
Tgt Ion:105 Resp: 1008678
Ion Ratio Lower Upper
105 100
120 51.6 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.823 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

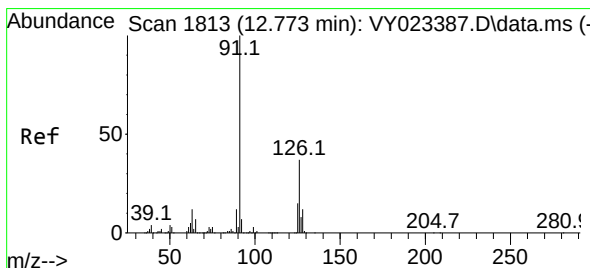
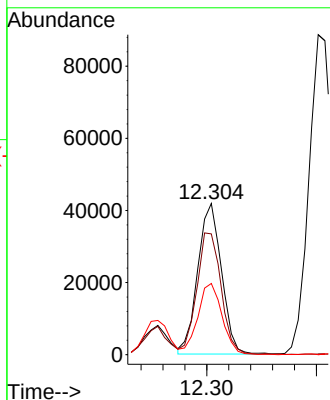
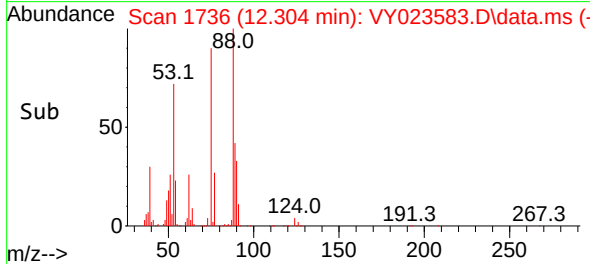
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 62762
Ion Ratio Lower Upper
75 100
53 82.3 68.6 102.8
89 48.8 39.0 58.4

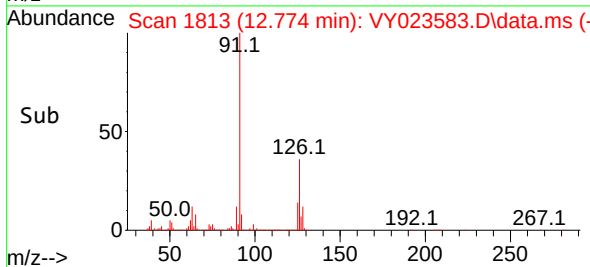
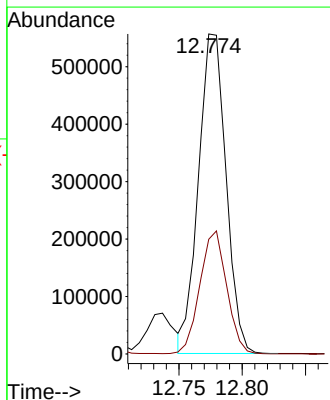
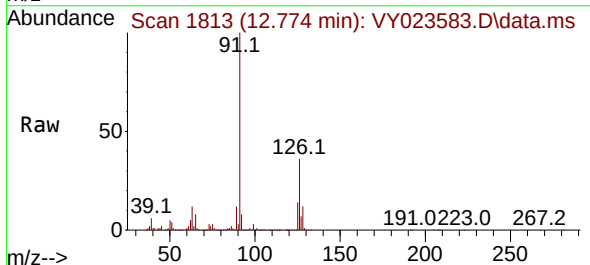
Manual Integrations
APPROVED

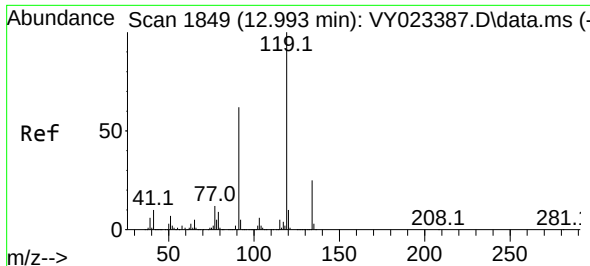
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 51.408 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

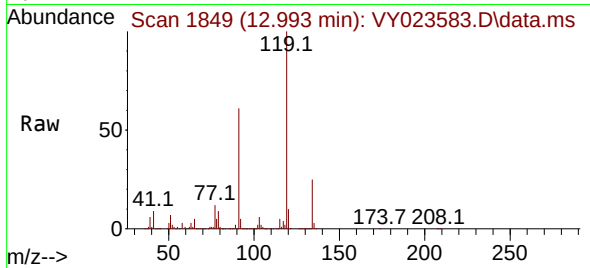
Tgt Ion: 91 Resp: 844797
Ion Ratio Lower Upper
91 100
126 37.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 53.096 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

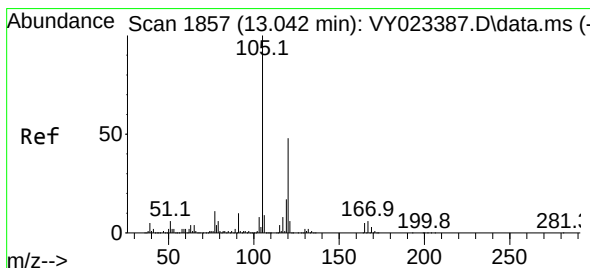
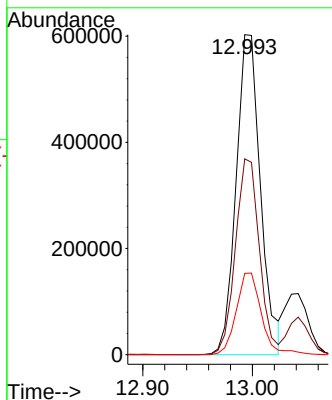
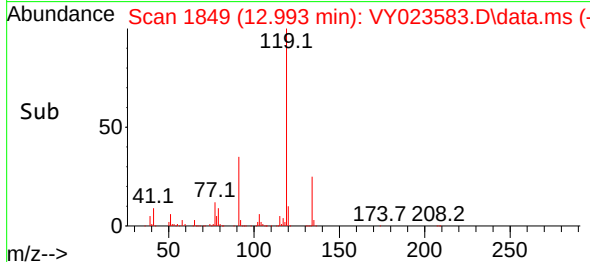
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



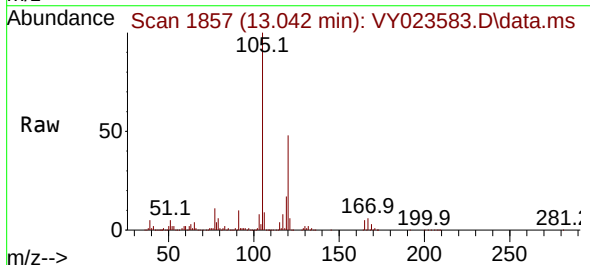
Tgt Ion:119 Resp: 932779
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.8
134 26.3 12.9 38.7

Manual Integrations
APPROVED

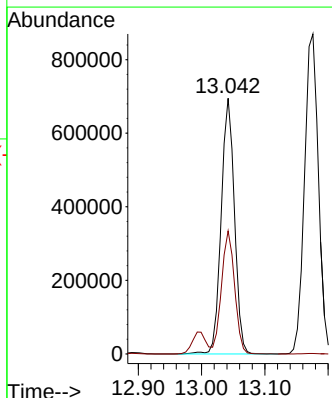
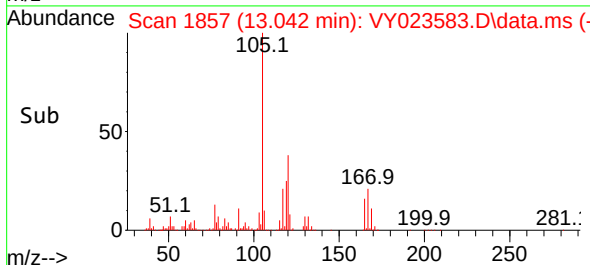
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

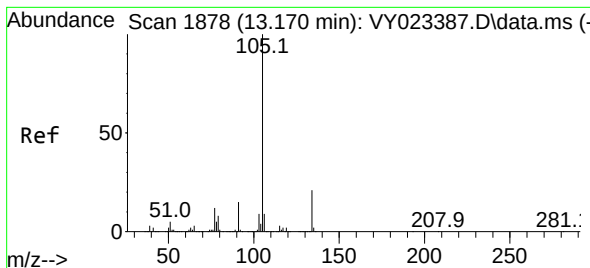


#84
1,2,4-Trimethylbenzene
Concen: 53.080 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



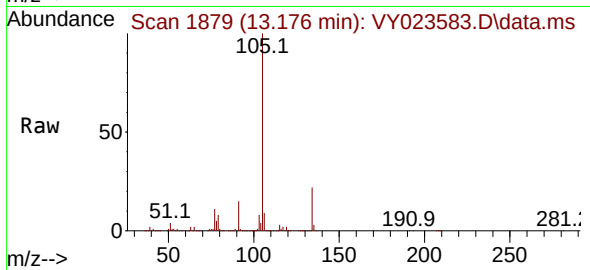
Tgt Ion:105 Resp: 1007932
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 52.508 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06

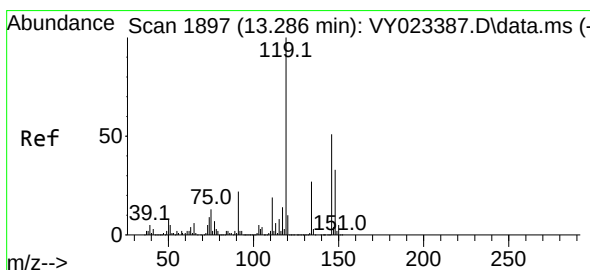
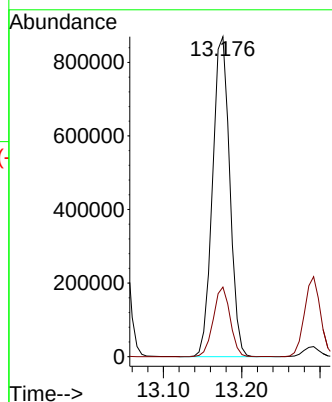
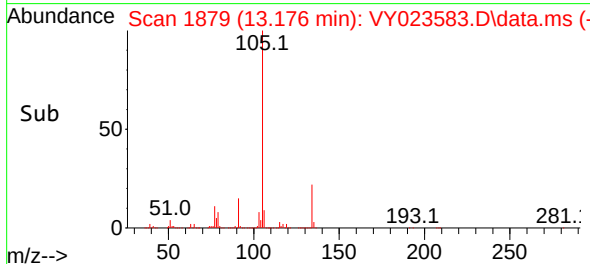
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



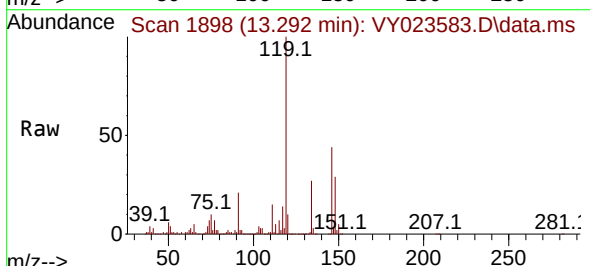
Tgt Ion:105 Resp: 132326
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1

Manual Integrations
 APPROVED

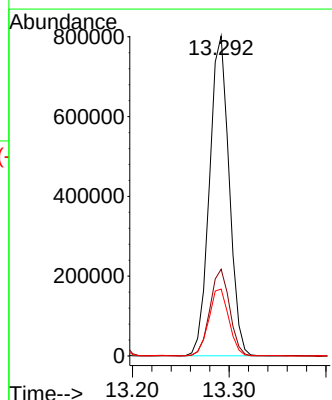
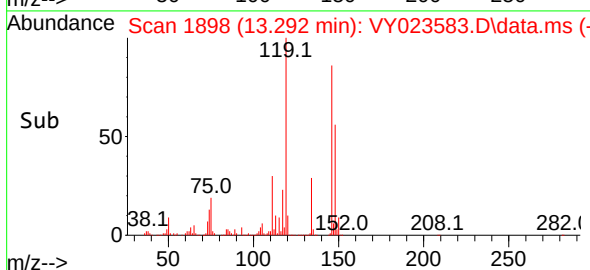
Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

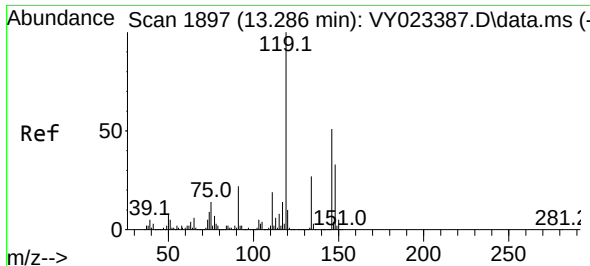


#86
 p-Isopropyltoluene
 Concen: 52.691 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06



Tgt Ion:119 Resp: 1130580
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.4 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.020 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 621919

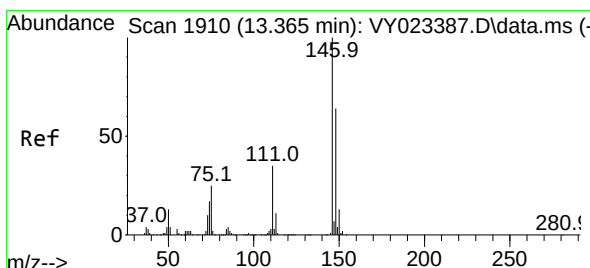
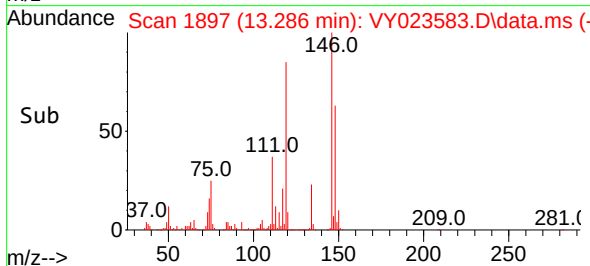
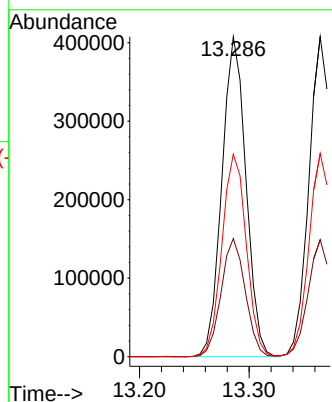
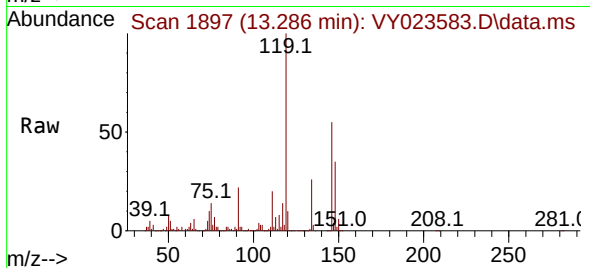
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 50.226 ug/l

RT: 13.365 min Scan# 1910

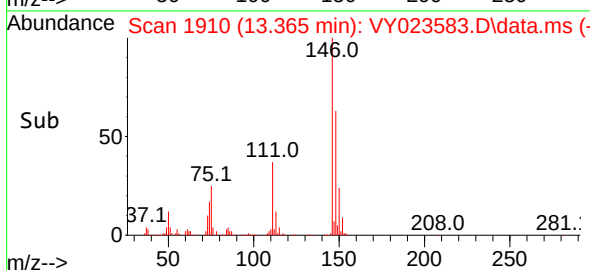
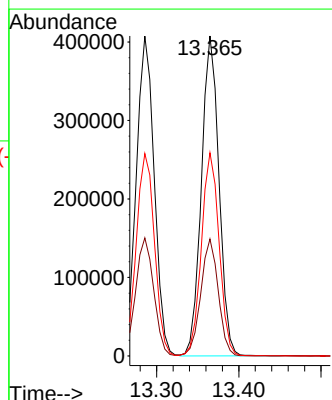
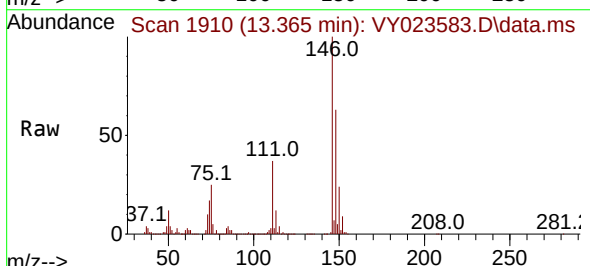
Delta R.T. 0.000 min

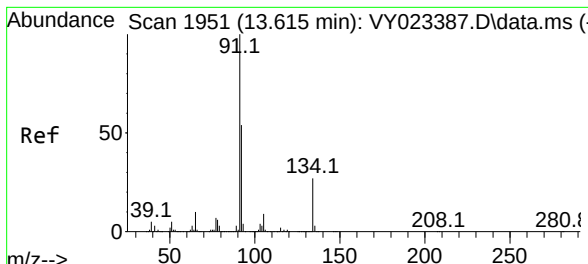
Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion:146 Resp: 604673

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	64.0	31.9	95.7





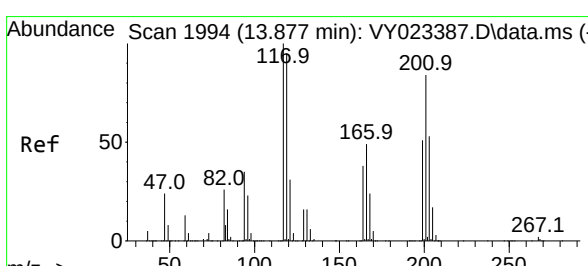
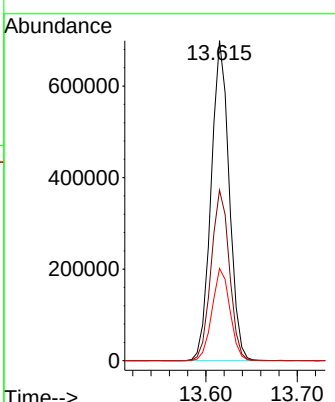
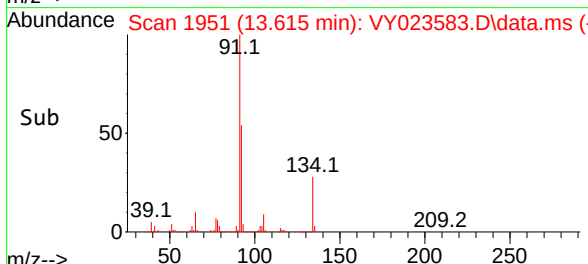
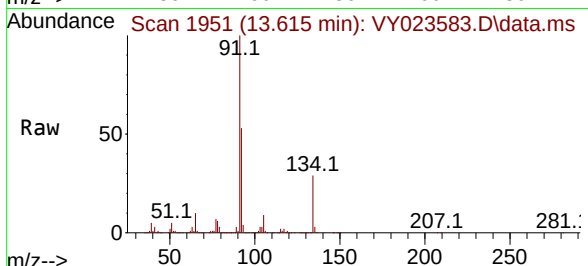
#89
 n-Butylbenzene
 Concen: 51.258 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 91 Resp: 95831

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.8	14.1	42.2

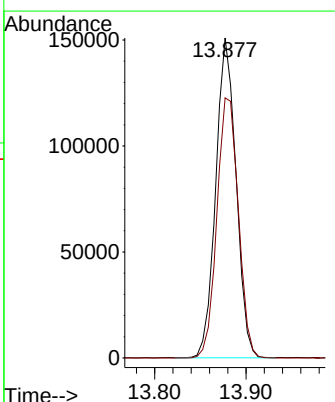
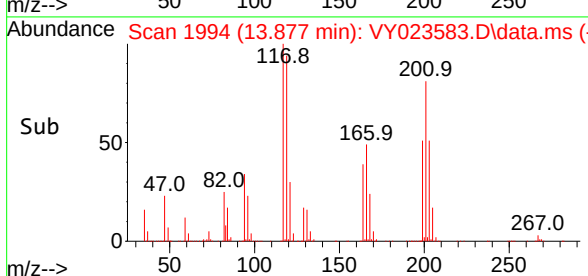
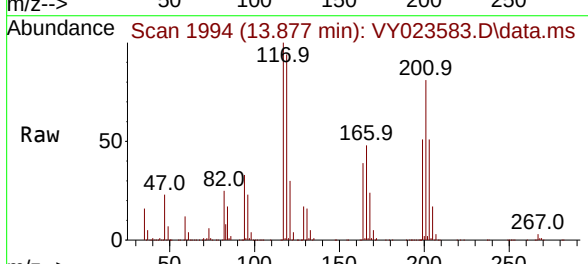
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

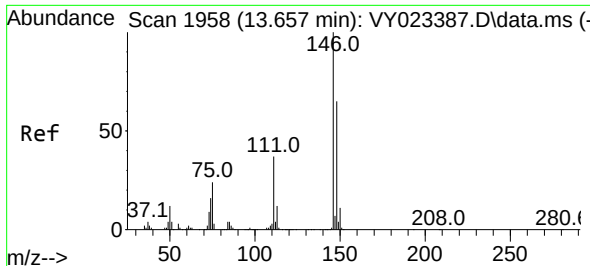


#90
 Hexachloroethane
 Concen: 50.494 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VY023583.D
 Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 233027

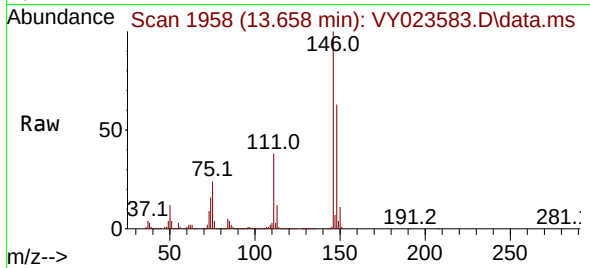
Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 51.357 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

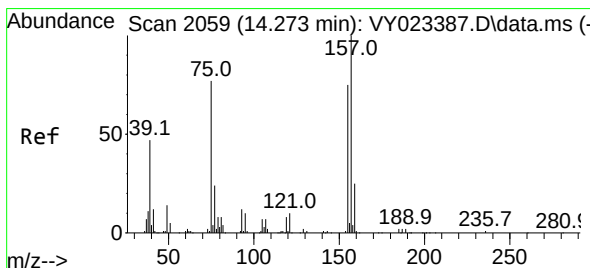
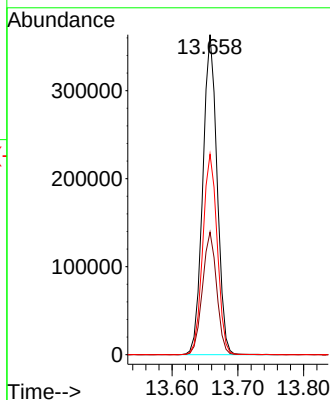
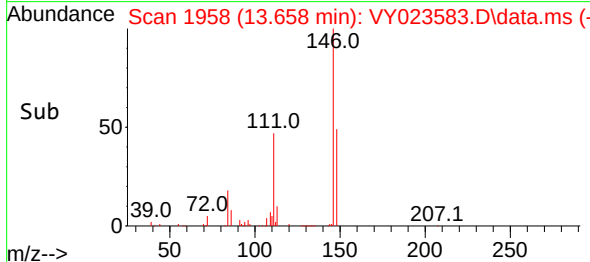
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



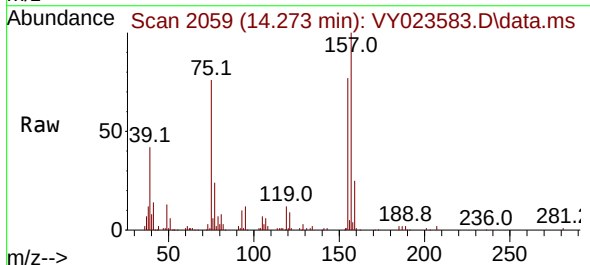
Tgt Ion:146 Resp: 548852
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 63.5 32.1 96.3

Manual Integrations
APPROVED

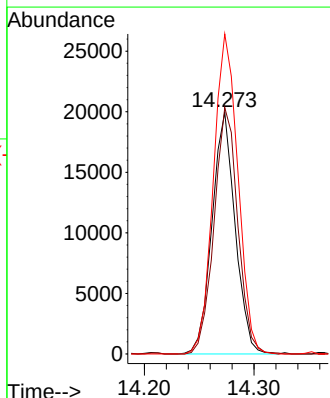
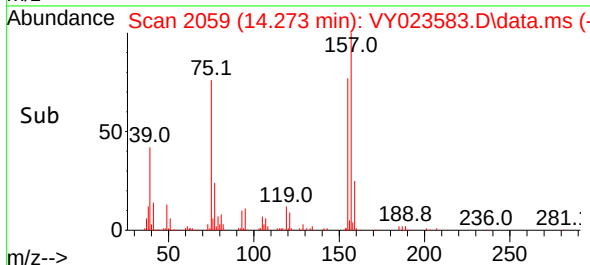
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

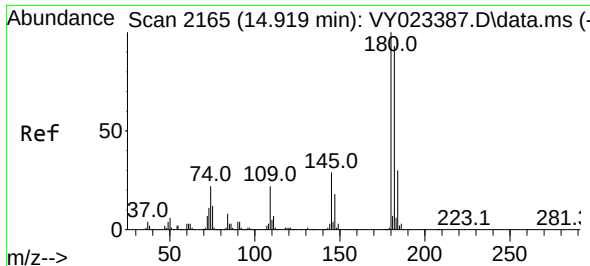


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.303 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06



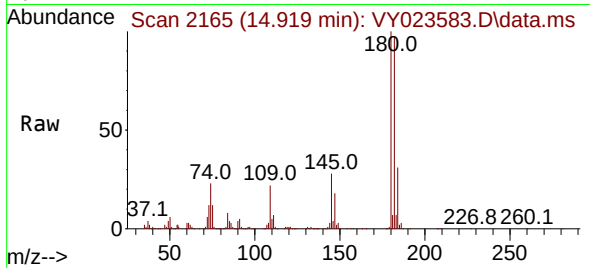
Tgt Ion: 75 Resp: 29259
Ion Ratio Lower Upper
75 100
155 104.4 50.0 150.0
157 140.0 63.8 191.5





#93
1,2,4-Trichlorobenzene
Concen: 48.700 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

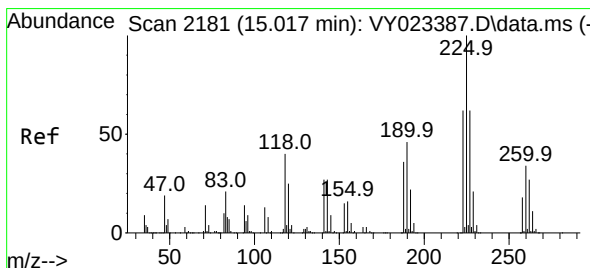
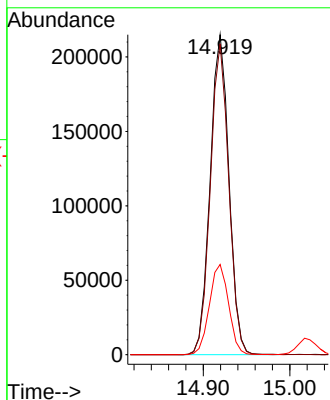
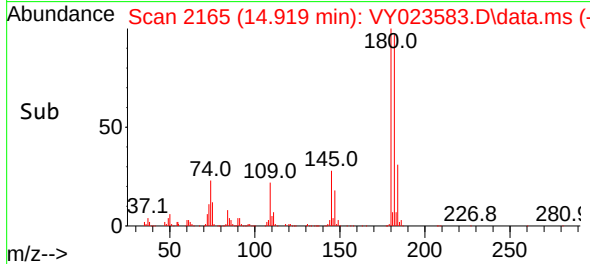
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 324460
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 28.8 14.7 44.1

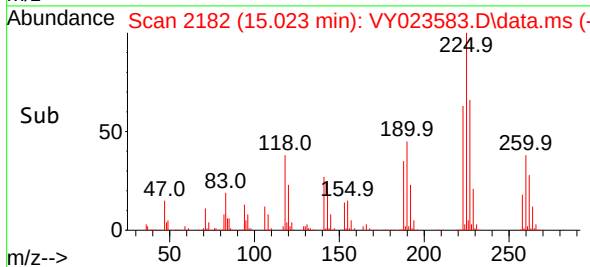
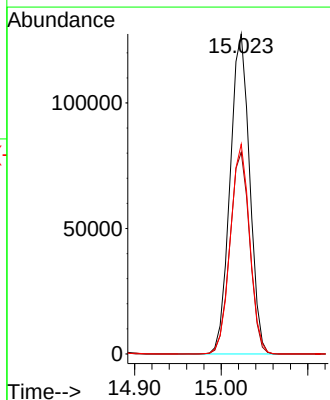
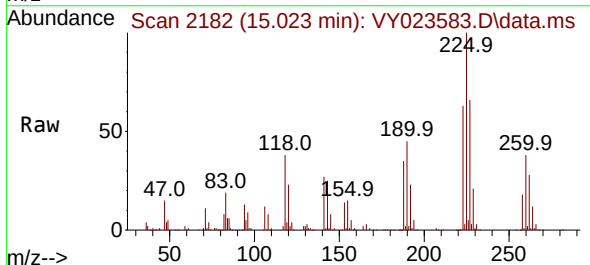
Manual Integrations
APPROVED

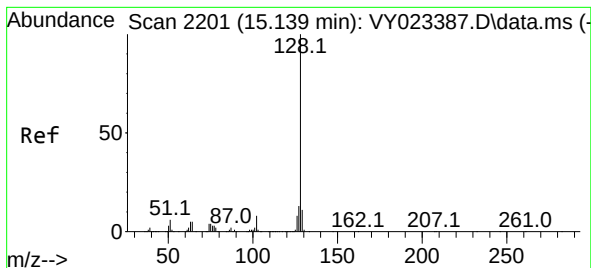
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 48.065 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:225 Resp: 199621
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.3
227 65.0 31.9 95.7





#95

Naphthalene

Concen: 48.814 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 517890

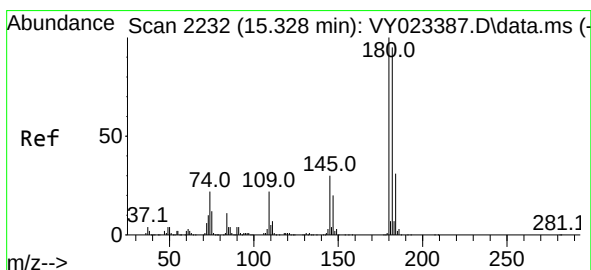
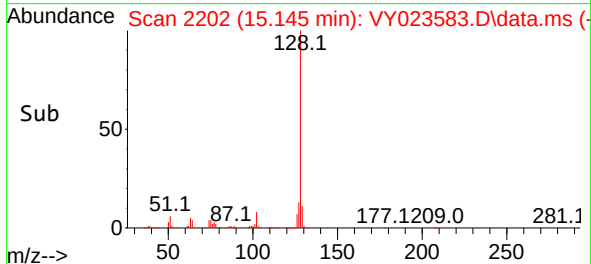
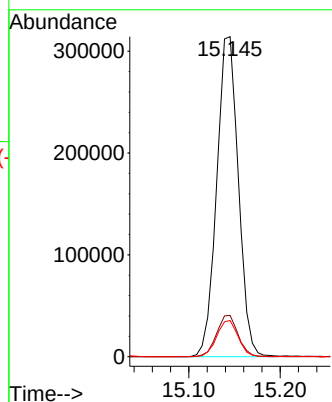
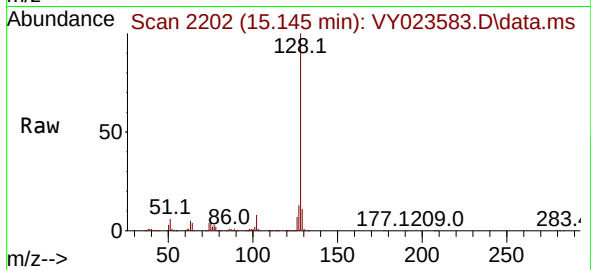
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.298 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023583.D

Acq: 24 Oct 2025 19:06

Tgt Ion:180 Resp: 278723

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	30.0	15.3	45.9

