

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080538.D
 Acq On : 18 Nov 2025 14:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 08:31:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	280541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	455271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	377333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	169286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	110322	46.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.660%		
35) Dibromofluoromethane	7.800	113	133504	49.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.620%		
50) Toluene-d8	10.264	98	542608	50.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.570	95	150827	48.385	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	102973	49.252	ug/l	96
3) Chloromethane	2.147	50	160408	47.522	ug/l	99
4) Vinyl Chloride	2.288	62	201424	50.364	ug/l	97
5) Bromomethane	2.700	94	144075	48.586	ug/l	99
6) Chloroethane	2.841	64	138397	50.410	ug/l	97
7) Trichlorofluoromethane	3.182	101	231380	50.840	ug/l	100
8) Diethyl Ether	3.600	74	53551	42.694	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.965	101	145770	50.680	ug/l	99
10) Methyl Iodide	4.165	142	198277	53.613	ug/l	98
11) Tert butyl alcohol	5.047	59	24107	219.745	ug/l	99
12) 1,1-Dichloroethene	3.947	96	148941	49.200	ug/l	99
13) Acrolein	3.800	56	31598	165.570	ug/l	98
14) Allyl chloride	4.564	41	216386	45.774	ug/l	95
15) Acrylonitrile	5.253	53	111420	220.075	ug/l	98
16) Acetone	4.017	43	74178	215.400	ug/l	95
17) Carbon Disulfide	4.276	76	461521	47.378	ug/l	100
18) Methyl Acetate	4.564	43	46260	43.680	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	247670	46.152	ug/l	99
20) Methylene Chloride	4.800	84	162026	46.606	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	164820	48.825	ug/l	97
22) Diisopropyl ether	6.211	45	386060	45.194	ug/l	98
23) Vinyl Acetate	6.153	43	999752	224.743	ug/l	98
24) 1,1-Dichloroethane	6.111	63	277874	47.576	ug/l	99
25) 2-Butanone	7.076	43	115929	214.696	ug/l	99
26) 2,2-Dichloropropane	7.076	77	248347	49.440	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	186476	47.411	ug/l	99
28) Bromochloromethane	7.429	49	93832	43.898	ug/l	94
29) Tetrahydrofuran	7.441	42	76495	212.642	ug/l	96
30) Chloroform	7.594	83	279799	48.852	ug/l	91
31) Cyclohexane	7.876	56	257868	46.090	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	254931	50.667	ug/l	99
36) 1,1-Dichloropropene	8.011	75	211694	51.093	ug/l	100
37) Ethyl Acetate	7.170	43	55098	43.963	ug/l	98
38) Carbon Tetrachloride	7.994	117	225198	54.087	ug/l	96
39) Methylcyclohexane	9.270	83	283174	51.799	ug/l	98
40) Benzene	8.247	78	637200	49.666	ug/l	99

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 Supervised By :Mahesh Dadoda 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	35378	43.212	ug/l	97
42) 1,2-Dichloroethane	8.323	62	135449	50.588	ug/l	98
43) Isopropyl Acetate	8.358	43	113202	46.049	ug/l	97
44) Trichloroethene	9.029	130	168442	51.936	ug/l	97
45) 1,2-Dichloropropane	9.305	63	141890	48.306	ug/l	98
46) Dibromomethane	9.394	93	72580	50.094	ug/l	99
47) Bromodichloromethane	9.582	83	197776	50.545	ug/l #	97
48) Methyl methacrylate	9.376	41	57641	47.234	ug/l	98
49) 1,4-Dioxane	9.382	88	12903	955.349	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	260463	228.347	ug/l	99
52) Toluene	10.329	92	414369	51.071	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	171993	49.604	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	221037	49.428	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	90213	48.671	ug/l	95
56) Ethyl methacrylate	10.594	69	101225	47.330	ug/l	98
57) 1,3-Dichloropropane	10.876	76	155457	48.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.864	63	287114	239.261	ug/l	96
59) 2-Hexanone	10.917	43	178040	223.278	ug/l	99
60) Dibromochloromethane	11.070	129	124940	50.728	ug/l	99
61) 1,2-Dibromoethane	11.176	107	87124	48.868	ug/l	98
64) Tetrachloroethene	10.805	164	141499	52.132	ug/l	97
65) Chlorobenzene	11.605	112	433292	51.567	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	136062	51.777	ug/l	99
67) Ethyl Benzene	11.682	91	784907	51.537	ug/l	100
68) m/p-Xylenes	11.794	106	608714	104.509	ug/l	100
69) o-Xylene	12.117	106	278479	51.713	ug/l	98
70) Styrene	12.135	104	459320	51.680	ug/l	99
71) Bromoform	12.293	173	63148	51.441	ug/l #	98
73) Isopropylbenzene	12.417	105	745605	51.886	ug/l	99
74) N-amyl acetate	12.229	43	101565	45.597	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	87087	48.322	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	63471m	48.137	ug/l	
77) Bromobenzene	12.699	156	155725	51.054	ug/l	97
78) n-propylbenzene	12.758	91	896697	52.016	ug/l	100
79) 2-Chlorotoluene	12.846	91	481555	50.777	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	593167	52.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	31906	46.211	ug/l	98
82) 4-Chlorotoluene	12.946	91	488248	50.639	ug/l	99
83) tert-Butylbenzene	13.164	119	525131	51.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	576181	51.548	ug/l	98
85) sec-Butylbenzene	13.340	105	788505	52.142	ug/l	99
86) p-Isopropyltoluene	13.458	119	661096	52.717	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	316570	52.238	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	299164	50.484	ug/l	100
89) n-Butylbenzene	13.782	91	623085	52.105	ug/l	99
90) Hexachloroethane	14.052	117	122865	50.225	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	251901	50.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	12280	49.489	ug/l	90
93) 1,2,4-Trichlorobenzene	15.099	180	155532	50.287	ug/l	99
94) Hexachlorobutadiene	15.199	225	89947	52.228	ug/l	99
95) Naphthalene	15.329	128	242351	48.152	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	121507	48.493	ug/l	99

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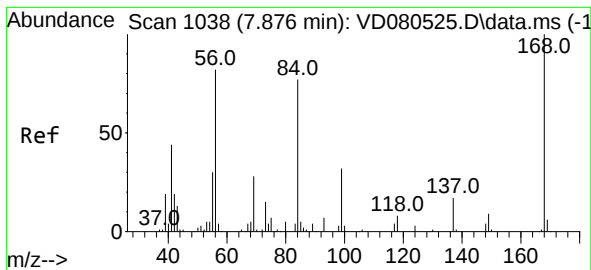
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Nov 18 00:45:54 2025
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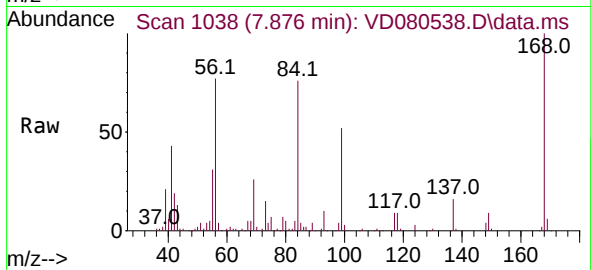
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

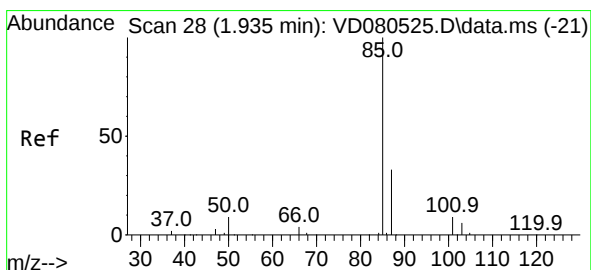
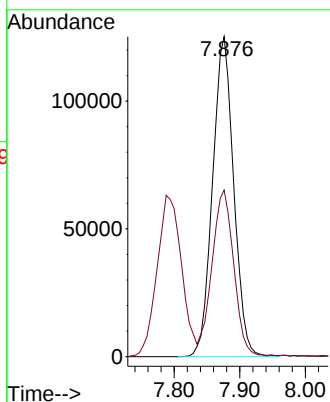
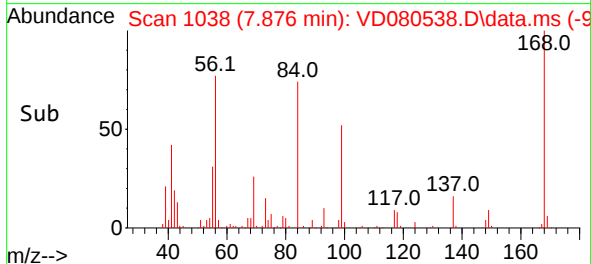
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 280541
Ion Ratio Lower Upper
168 100
99 51.8 42.5 63.7

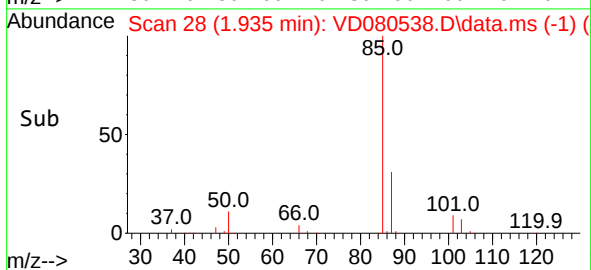
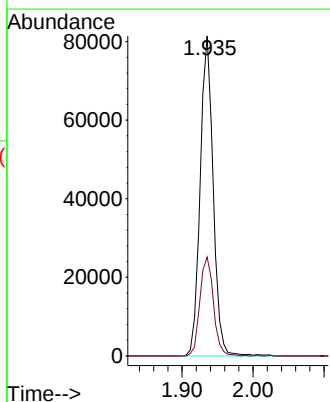
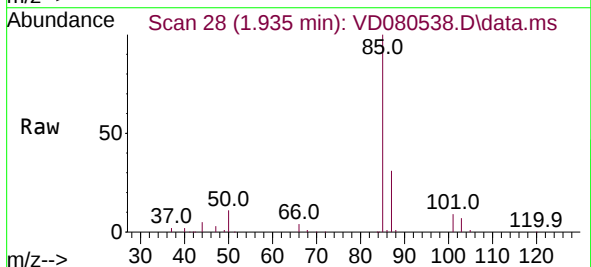
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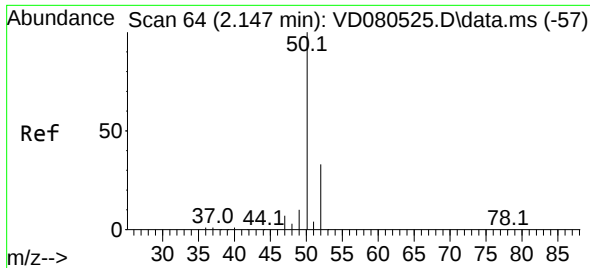
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#2
Dichlorodifluoromethane
Concen: 49.252 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

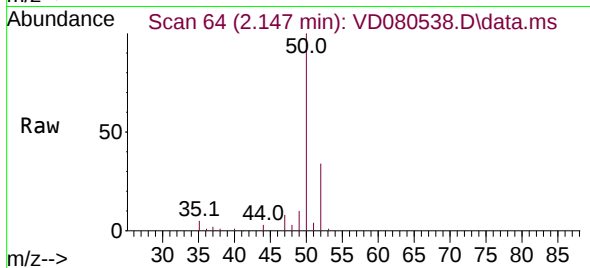
Tgt Ion: 85 Resp: 102973
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





#3
Chloromethane
Concen: 47.522 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

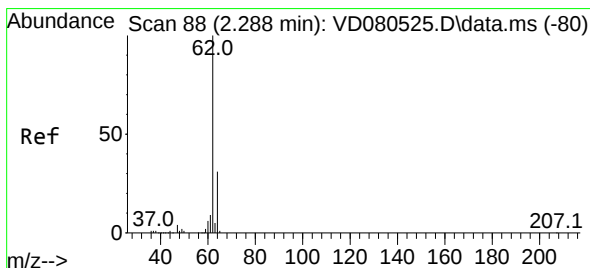
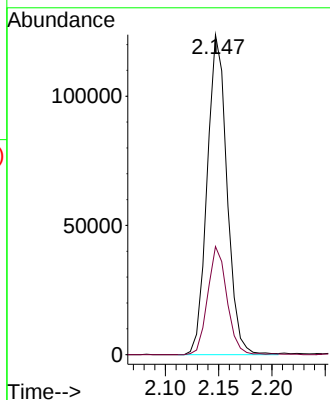
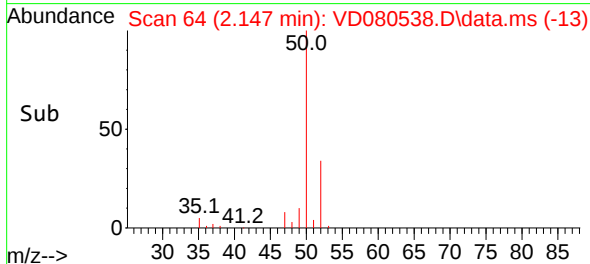
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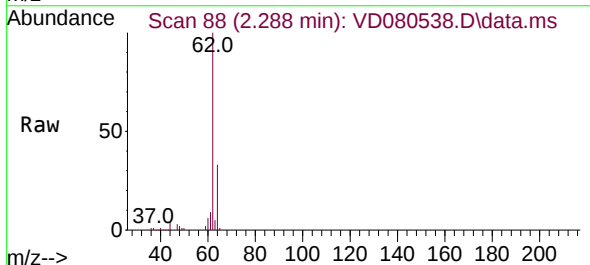
Tgt Ion: 50 Resp: 160408
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

Manual Integrations
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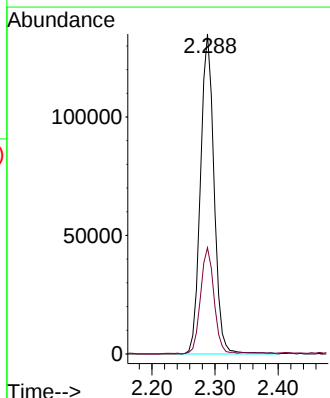
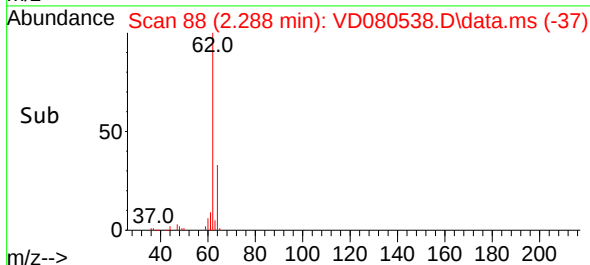
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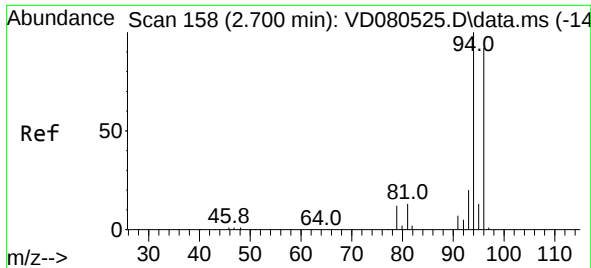


#4
Vinyl Chloride
Concen: 50.364 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



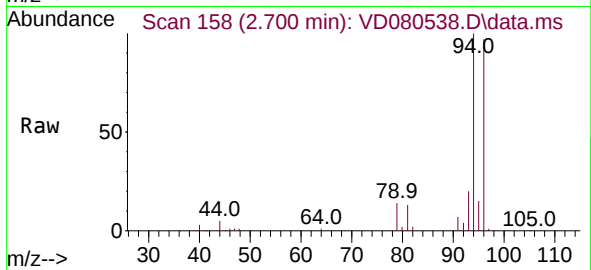
Tgt Ion: 62 Resp: 201424
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6





#5
Bromomethane
Concen: 48.586 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

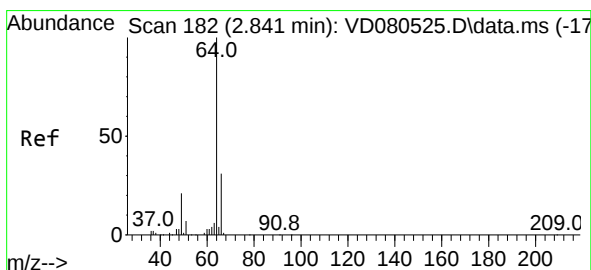
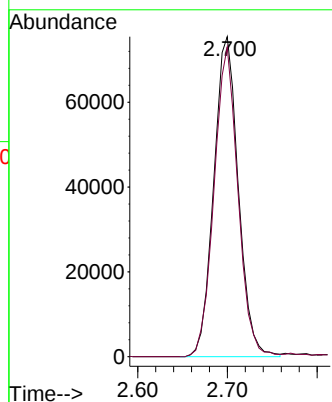
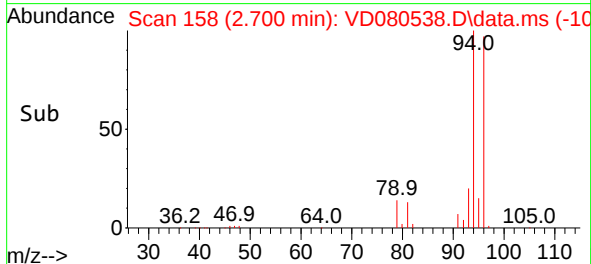
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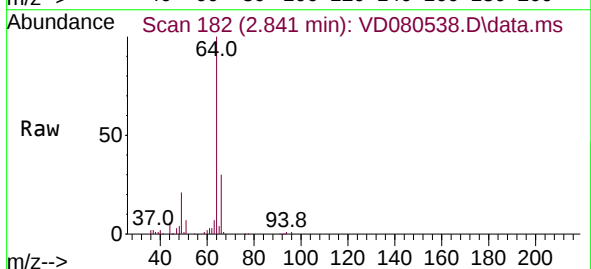
Tgt Ion: 94 Resp: 144075
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0

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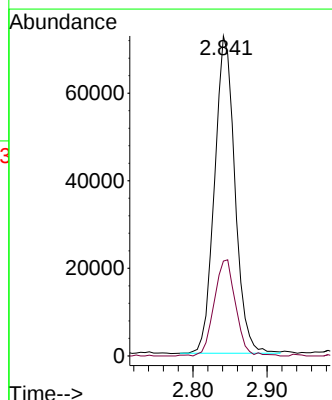
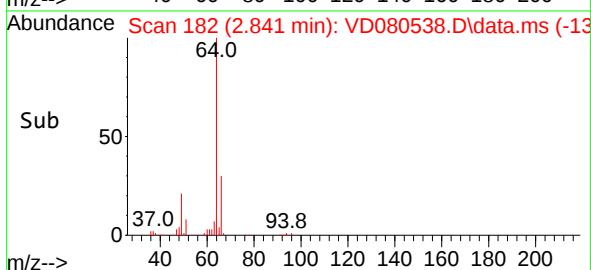
Reviewed By :Amit Patel 11/19/2025
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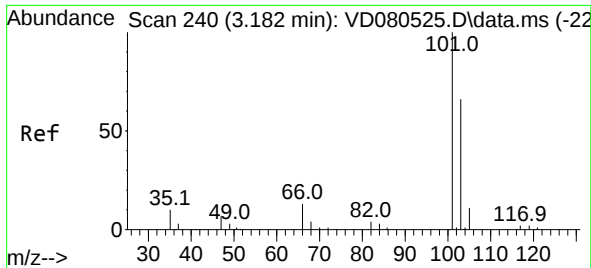


#6
Chloroethane
Concen: 50.410 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



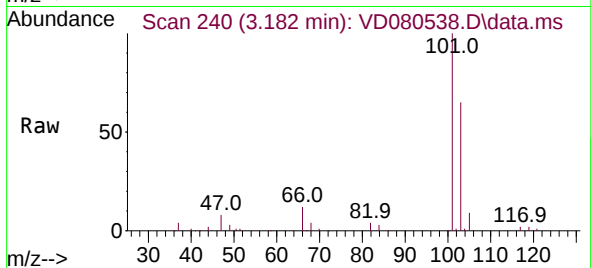
Tgt Ion: 64 Resp: 138397
Ion Ratio Lower Upper
64 100
66 29.9 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 50.840 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06

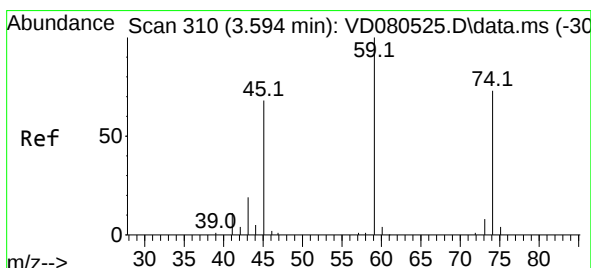
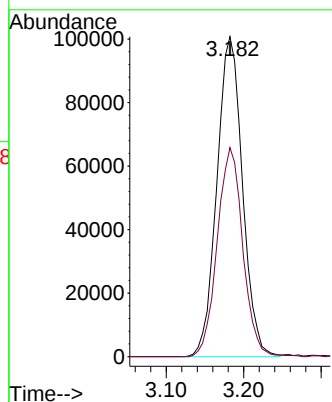
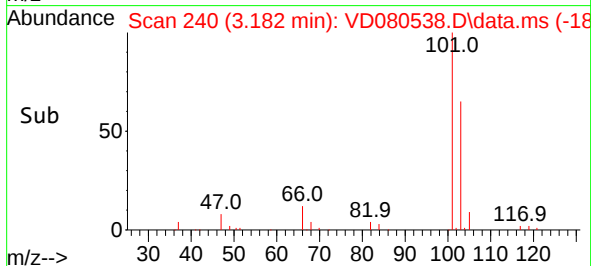
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 ClientSampleId :
 VSTDCCC050EC



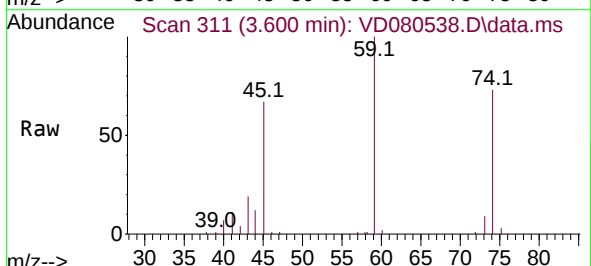
Tgt Ion:101 Resp: 231386
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.6 78.8

Manual Integrations
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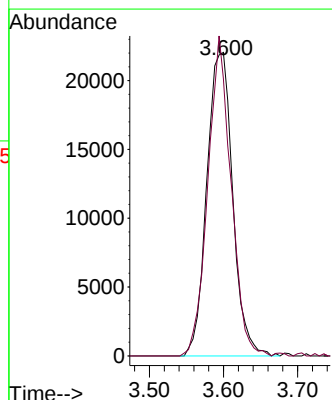
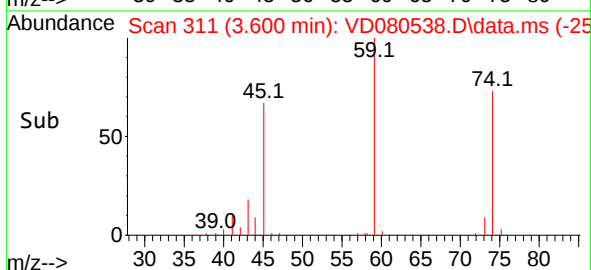
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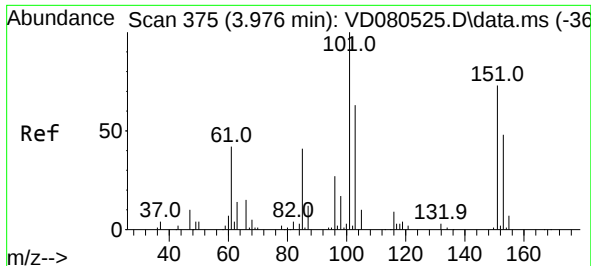


#8
 Diethyl Ether
 Concen: 42.694 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06



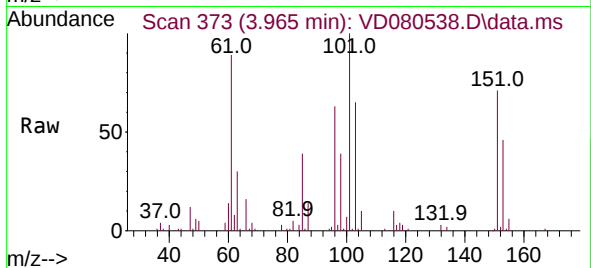
Tgt Ion: 74 Resp: 53551
 Ion Ratio Lower Upper
 74 100
 45 94.4 46.9 140.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.680 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD080538.D
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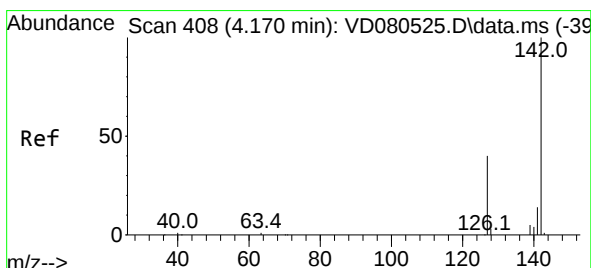
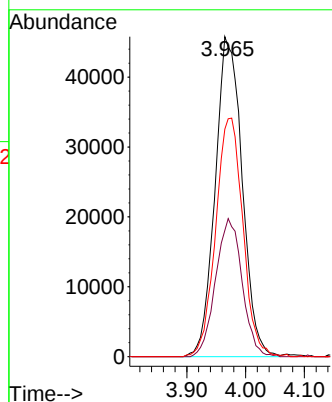
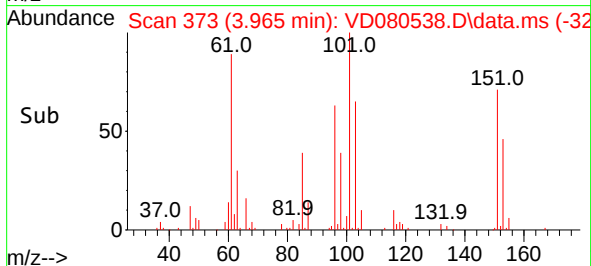
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



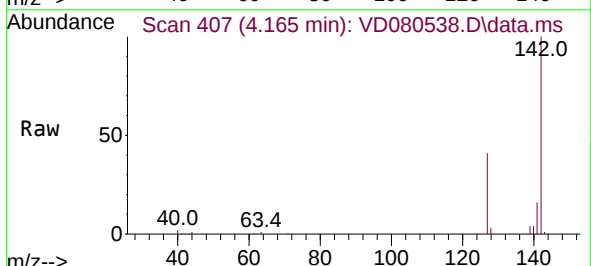
Tgt Ion:101 Resp: 145776
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.6
151 75.3 59.6 89.4

Manual Integrations
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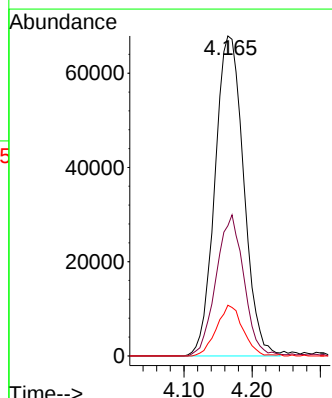
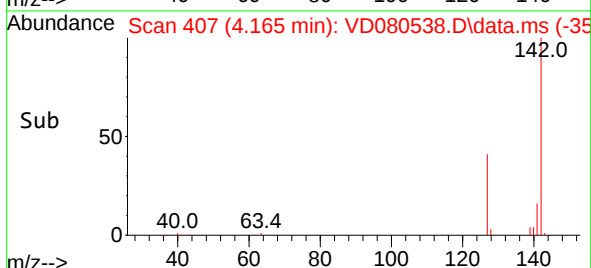
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

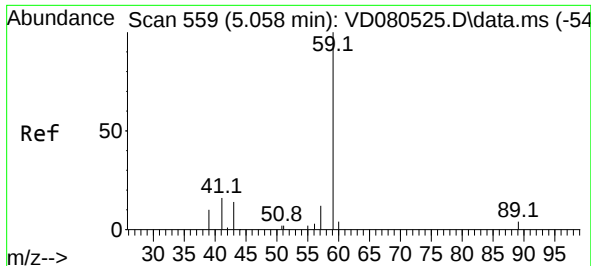


#10
Methyl Iodide
Concen: 53.613 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion:142 Resp: 198277
Ion Ratio Lower Upper
142 100
127 42.6 32.6 49.0
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 219.745 ug/l

RT: 5.047 min Scan# 559

Delta R.T. -0.012 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 2410

Ion Ratio Lower Upper

59 100

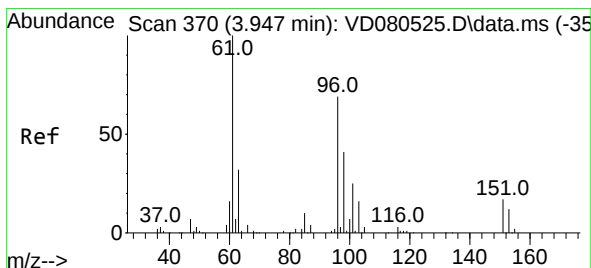
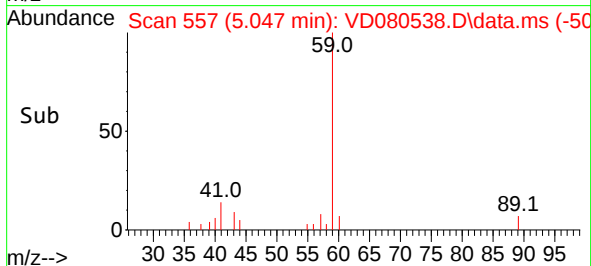
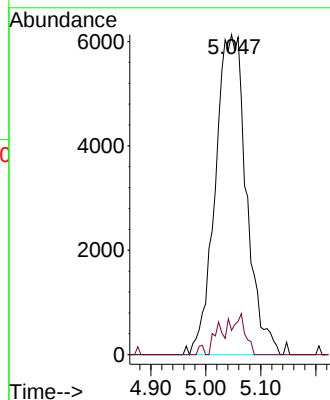
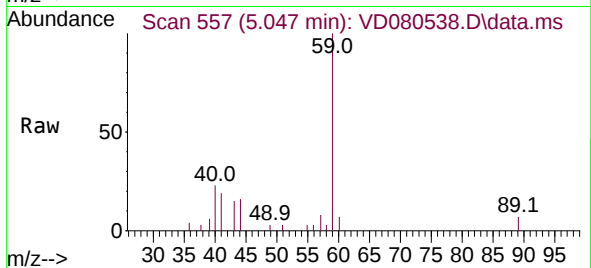
57 6.0 4.5 6.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#12

1,1-Dichloroethene

Concen: 49.200 ug/l

RT: 3.947 min Scan# 370

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

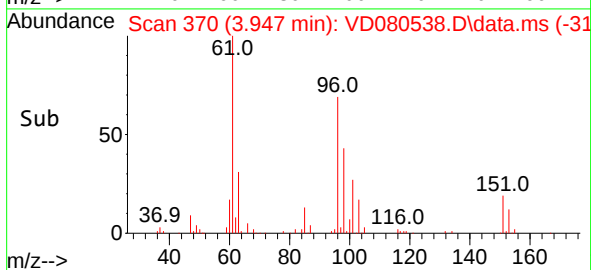
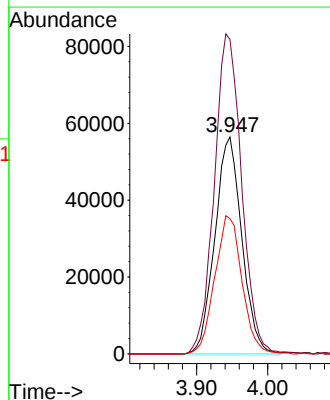
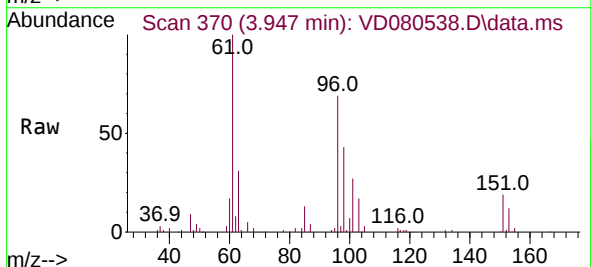
Tgt Ion: 96 Resp: 148941

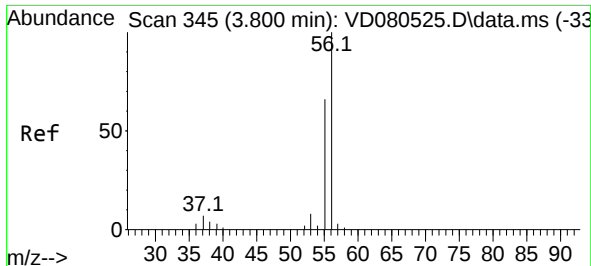
Ion Ratio Lower Upper

96 100

61 145.0 116.2 174.2

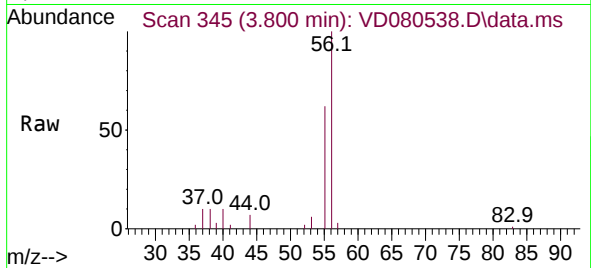
98 62.4 47.6 71.4





#13
Acrolein
Concen: 165.570 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

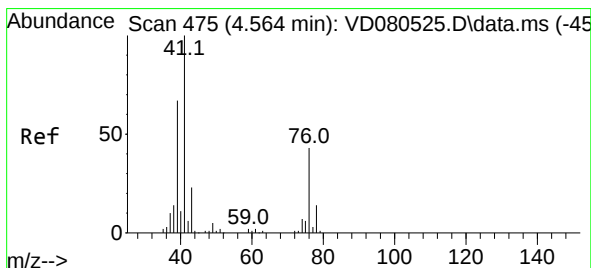
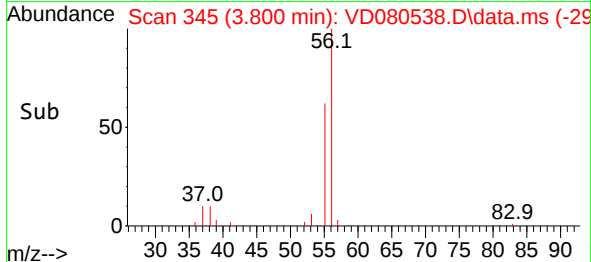
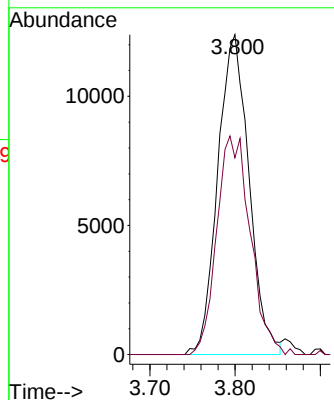
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 31598
Ion Ratio Lower Upper
56 100
55 73.4 57.2 85.8

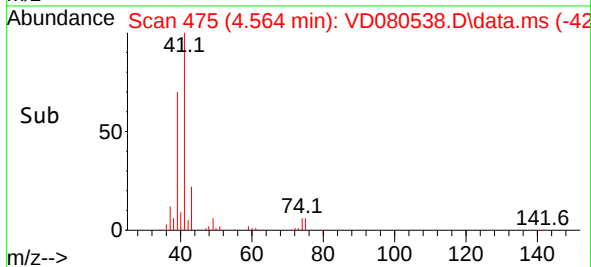
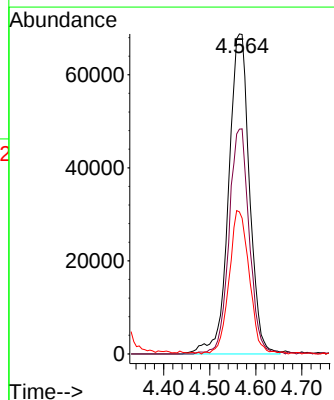
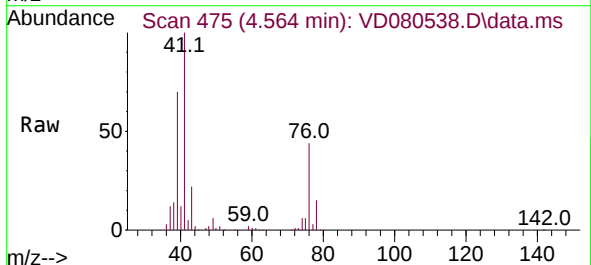
Manual Integrations
APPROVED

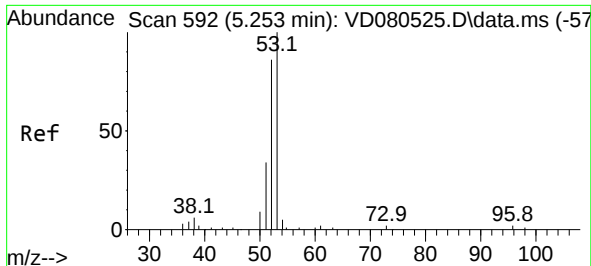
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#14
Allyl chloride
Concen: 45.774 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

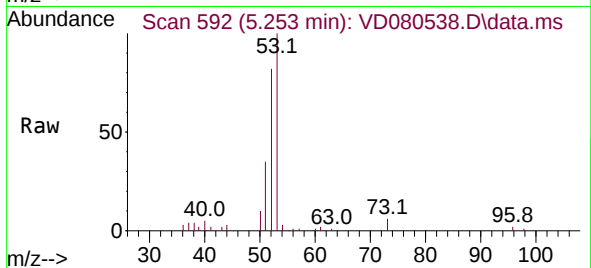
Tgt Ion: 41 Resp: 216386
Ion Ratio Lower Upper
41 100
39 68.3 51.4 77.2
76 43.4 32.6 48.8





#15
Acrylonitrile
Concen: 220.075 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

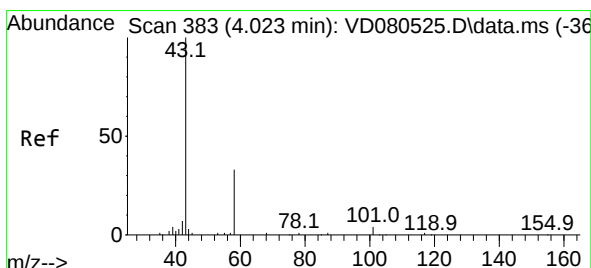
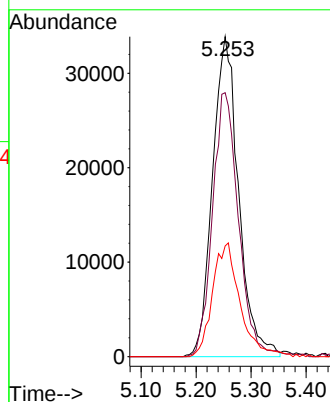
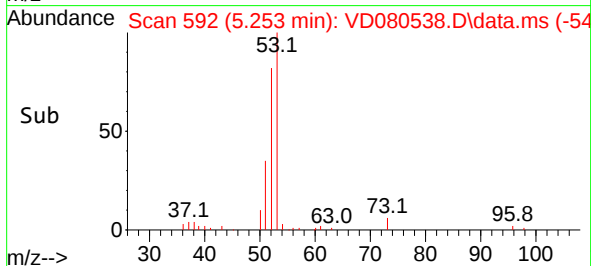
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 111420
Ion Ratio Lower Upper
53 100
52 82.4 64.9 97.3
51 37.5 28.8 43.2

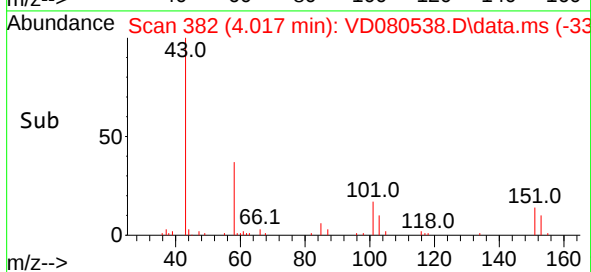
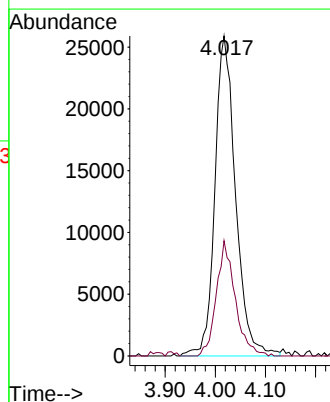
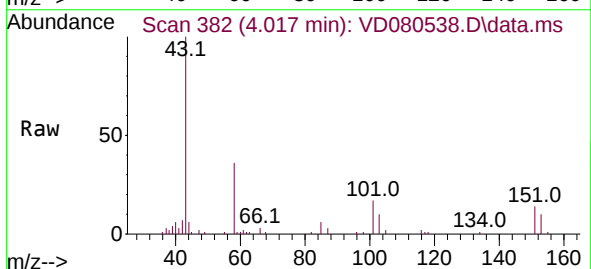
Manual Integrations
APPROVED

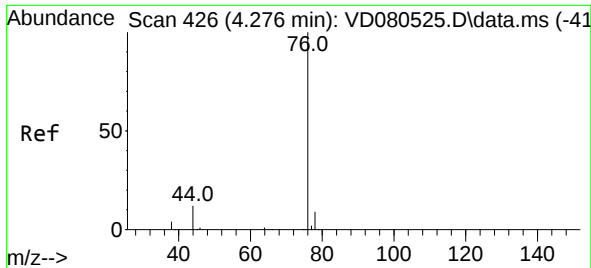
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#16
Acetone
Concen: 215.400 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

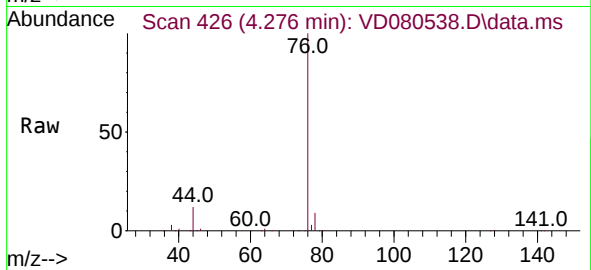
Tgt Ion: 43 Resp: 74178
Ion Ratio Lower Upper
43 100
58 36.0 26.6 40.0





#17
Carbon Disulfide
Concen: 47.378 ug/l
RT: 4.276 min Scan# 426
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

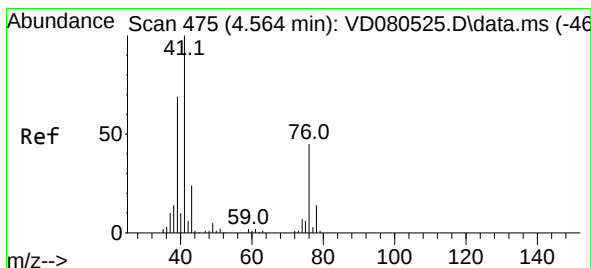
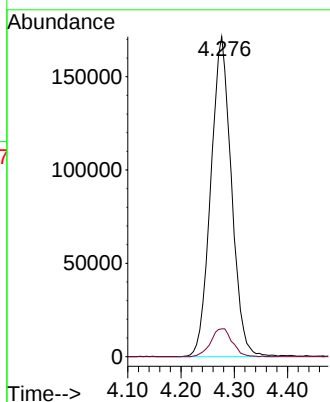
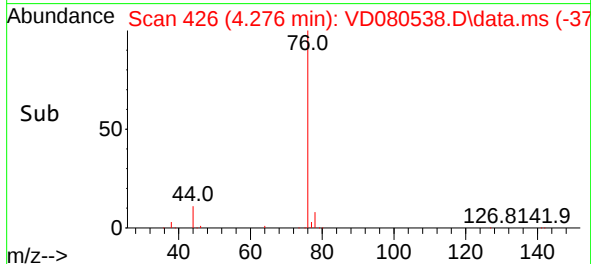
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 46152
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

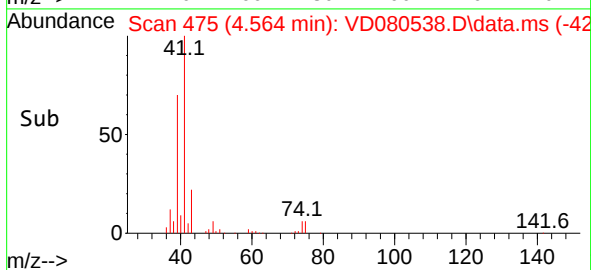
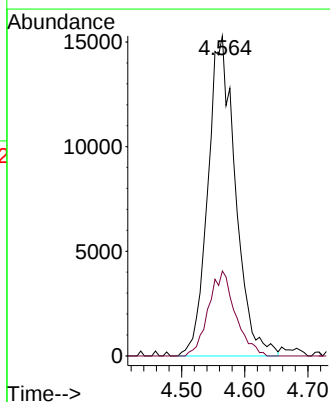
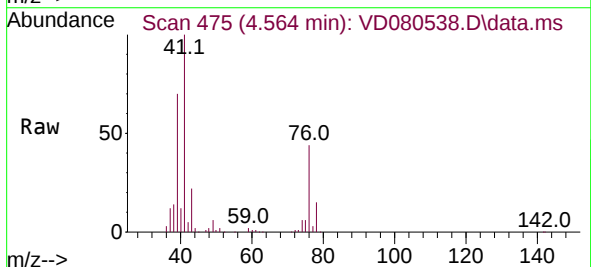
Manual Integrations
APPROVED

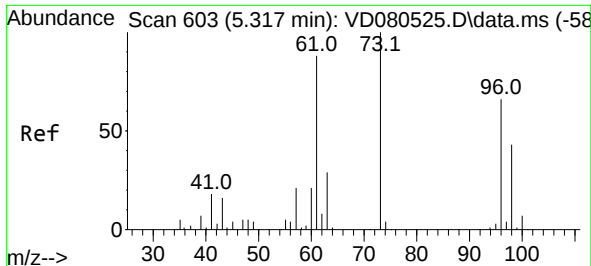
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#18
Methyl Acetate
Concen: 43.680 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

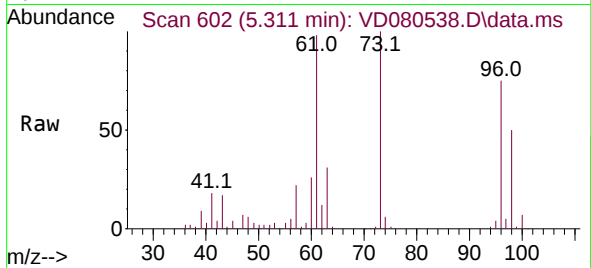
Tgt Ion: 43 Resp: 46260
Ion Ratio Lower Upper
43 100
74 25.9 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 46.152 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

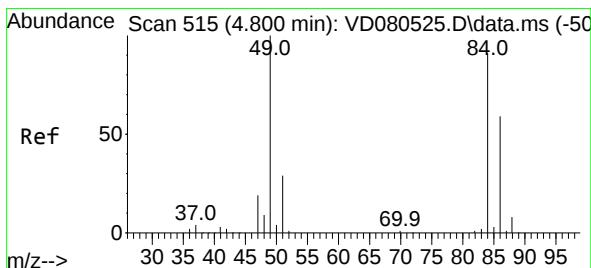
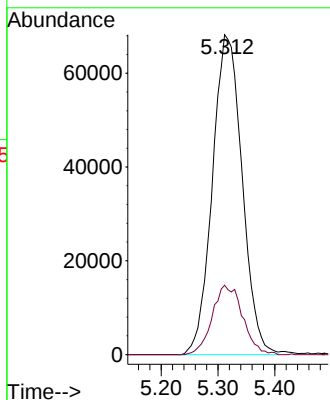
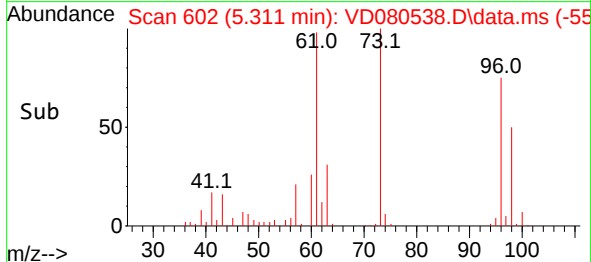
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



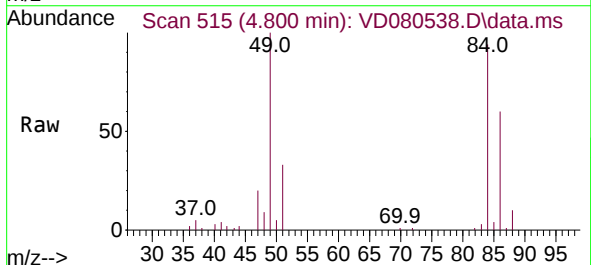
Tgt Ion: 73 Resp: 247676
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7

Manual Integrations
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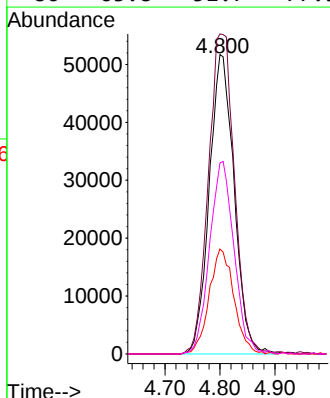
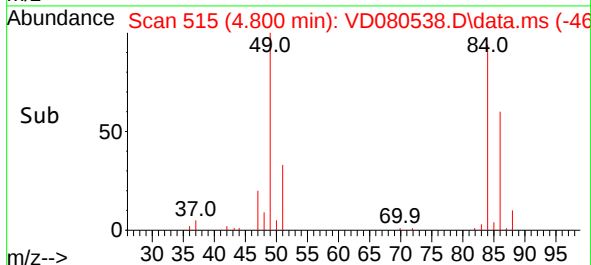
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

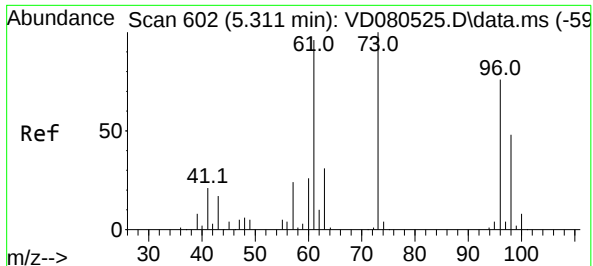


#20
Methylene Chloride
Concen: 46.606 ug/l
RT: 4.800 min Scan# 515
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



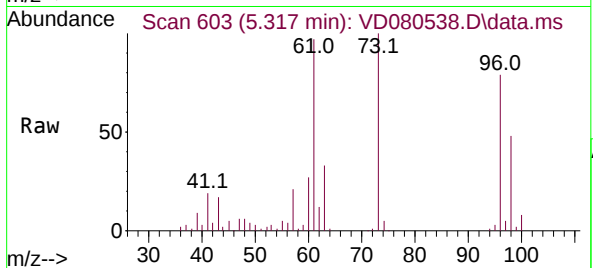
Tgt Ion: 84 Resp: 162026
Ion Ratio Lower Upper
84 100
49 106.9 87.9 131.9
51 35.1 25.4 38.2
86 63.8 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 48.825 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

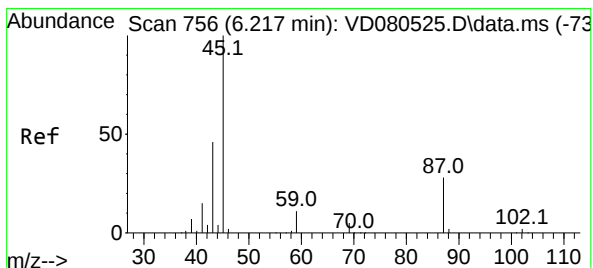
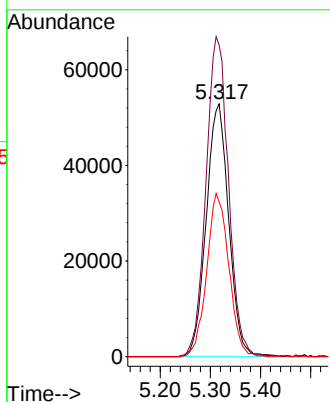
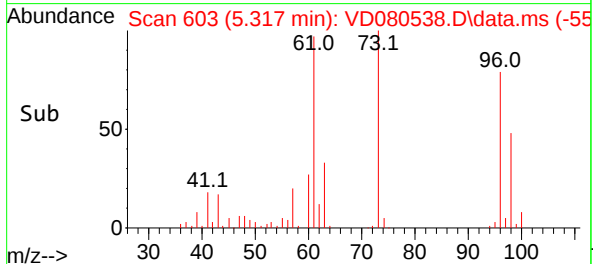
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



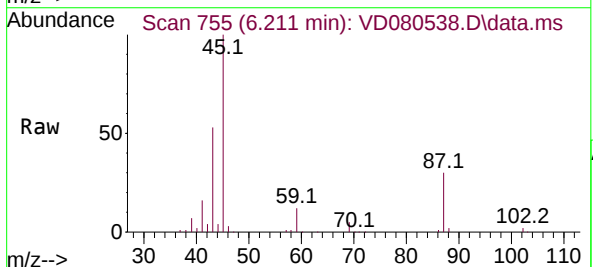
Tgt Ion: 96 Resp: 164820
Ion Ratio Lower Upper
96 100
61 123.3 102.0 153.0
98 61.1 50.5 75.7

Manual Integrations
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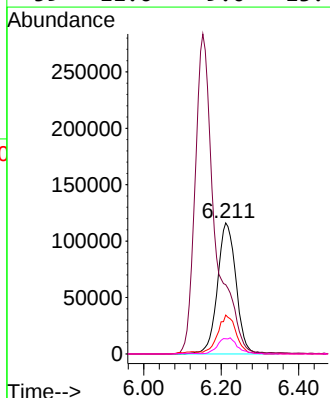
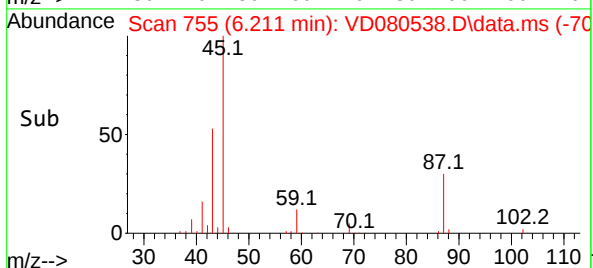
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

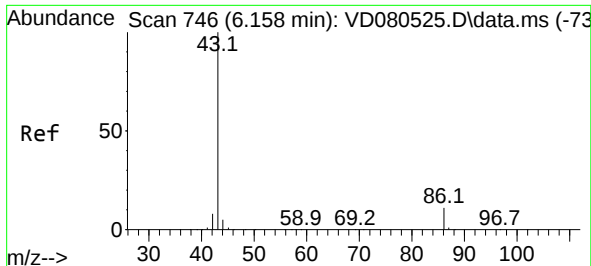


#22
Diisopropyl ether
Concen: 45.194 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion: 45 Resp: 386060
Ion Ratio Lower Upper
45 100
43 52.3 40.6 60.8
87 29.6 23.0 34.6
59 11.6 9.0 13.4





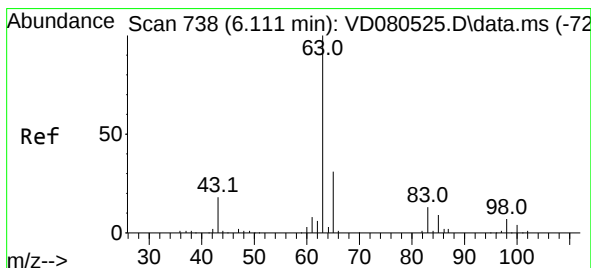
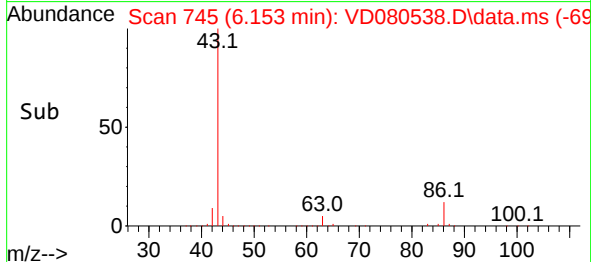
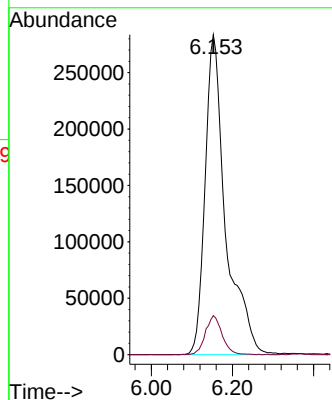
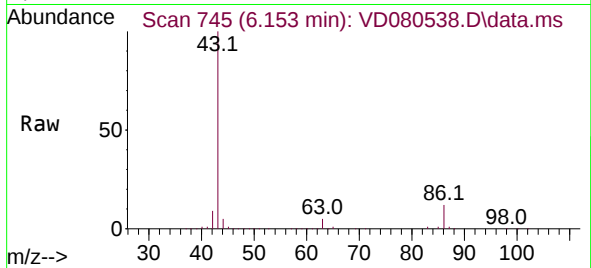
#23
 Vinyl Acetate
 Concen: 224.743 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 999752
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.1 13.7

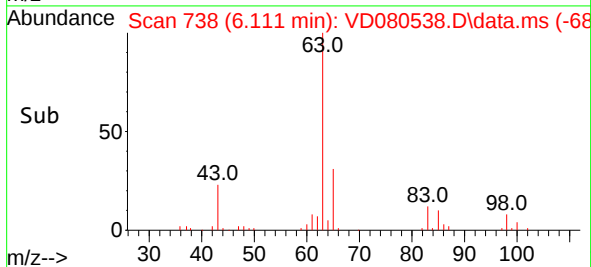
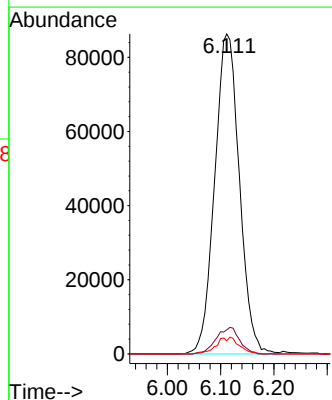
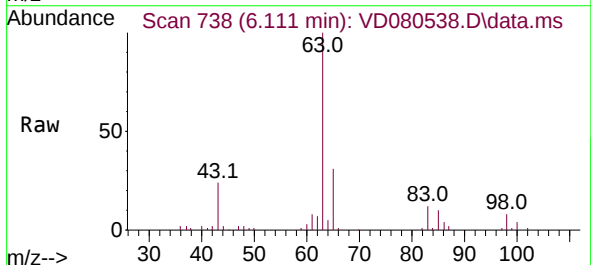
Manual Integrations
 APPROVED

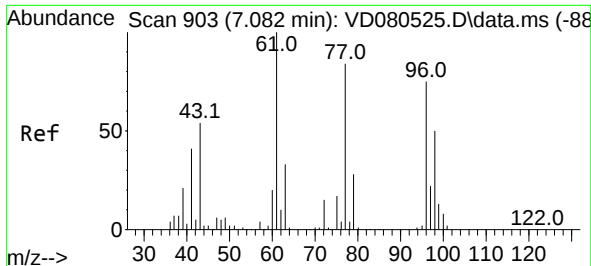
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 47.576 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06

Tgt Ion: 63 Resp: 277874
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.1 2.0 6.0





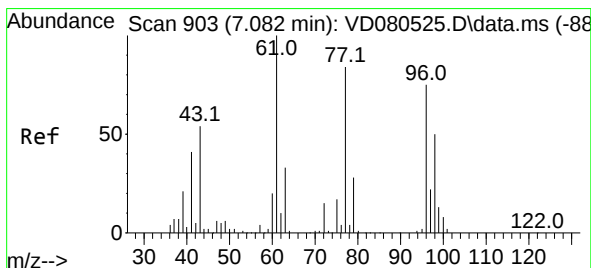
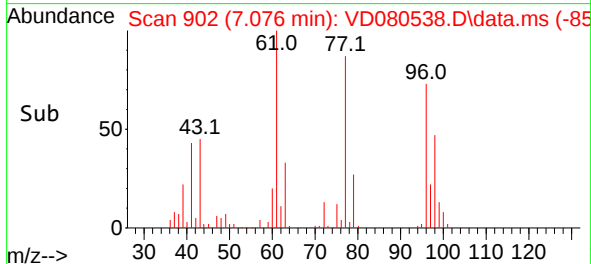
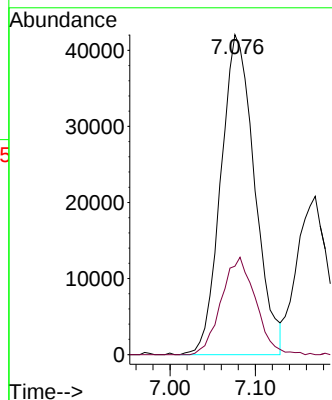
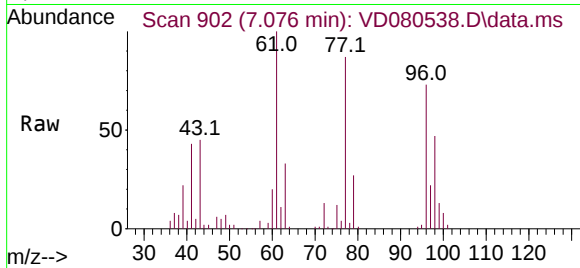
#25
2-Butanone
Concen: 214.696 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 115929
Ion Ratio Lower Upper
43 100
72 27.6 22.6 34.0

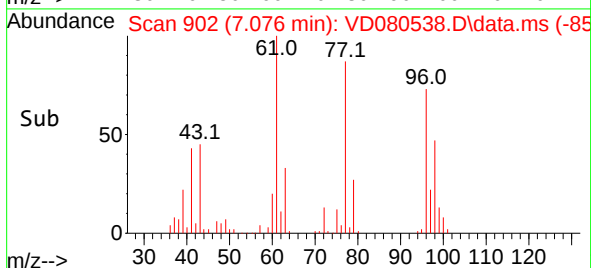
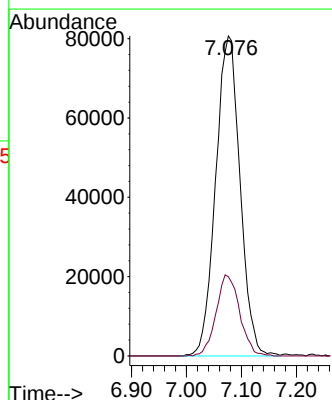
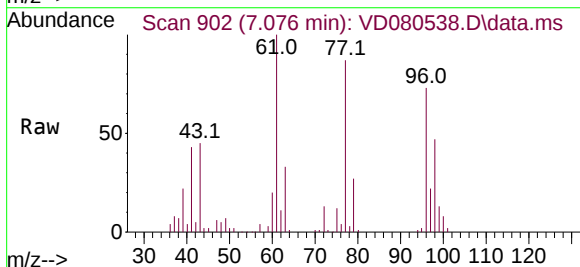
Manual Integrations
APPROVED

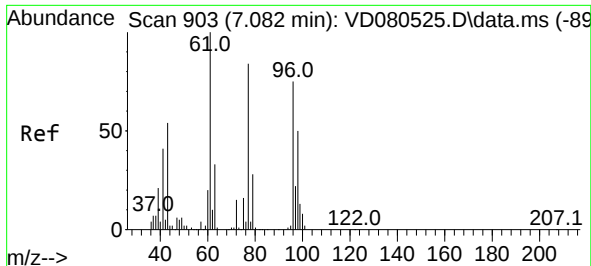
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#26
2,2-Dichloropropane
Concen: 49.440 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

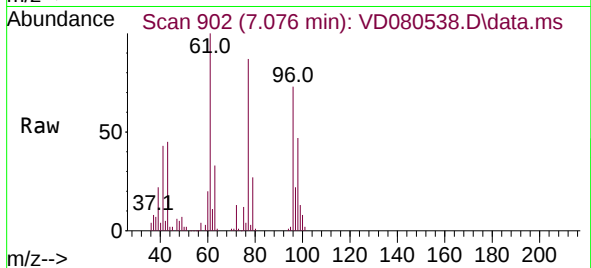
Tgt Ion: 77 Resp: 248347
Ion Ratio Lower Upper
77 100
97 24.4 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.411 ug/l
 RT: 7.076 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06

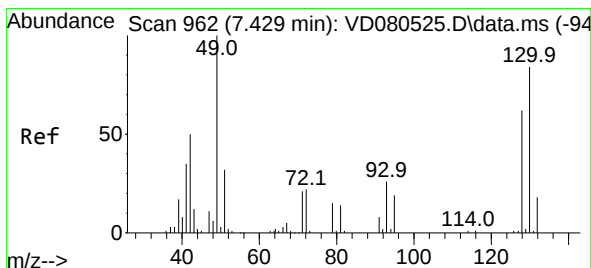
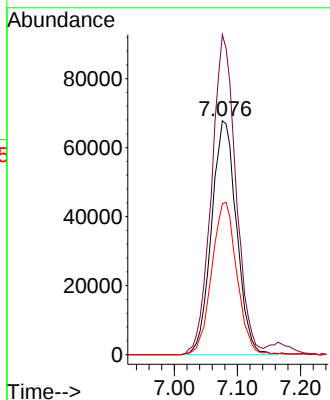
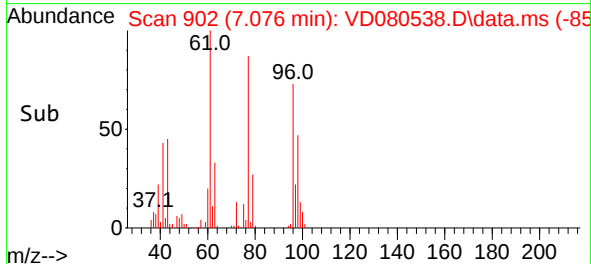
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 186476
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 271.8
 98 65.4 0.0 130.6

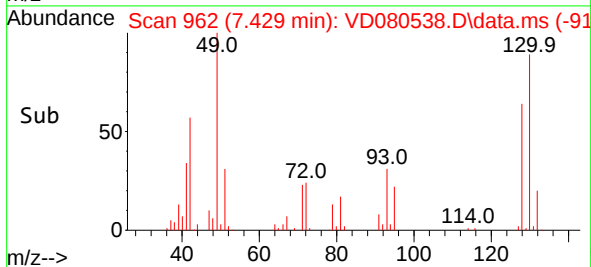
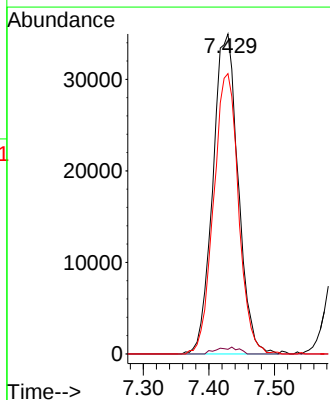
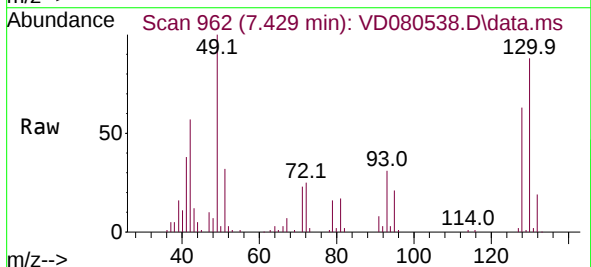
Manual Integrations
 APPROVED

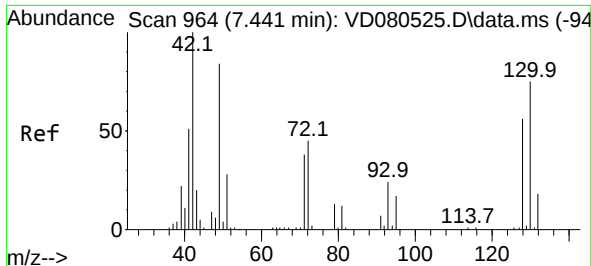
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#28
 Bromochloromethane
 Concen: 43.898 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080538.D
 Acq: 18 Nov 2025 14:06

Tgt Ion: 49 Resp: 93832
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.4
 130 86.1 64.3 96.5





#29

Tetrahydrofuran

Concen: 212.642 ug/l

RT: 7.441 min Scan# 964

Delta R.T. 0.000 min

Lab File: VD080538.D

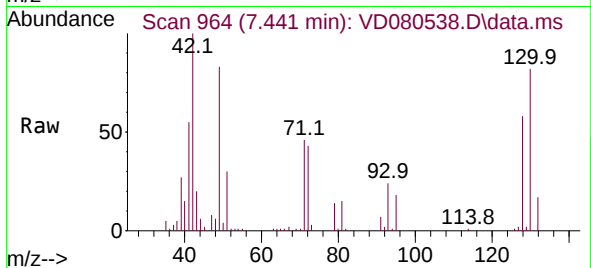
Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



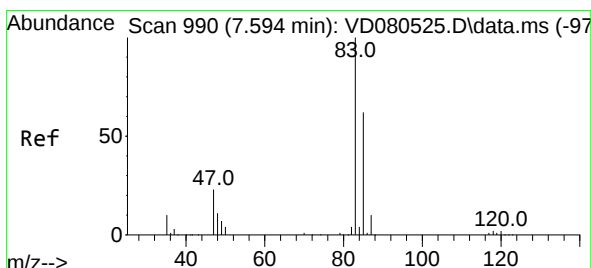
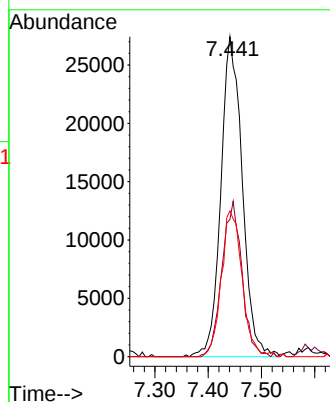
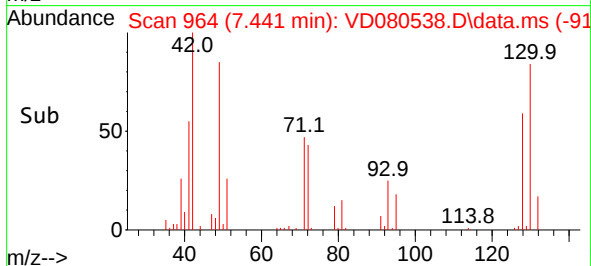
Tgt Ion:	42	Resp:	76495
Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.4	53.2
71	43.8	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

Chloroform

Concen: 48.852 ug/l

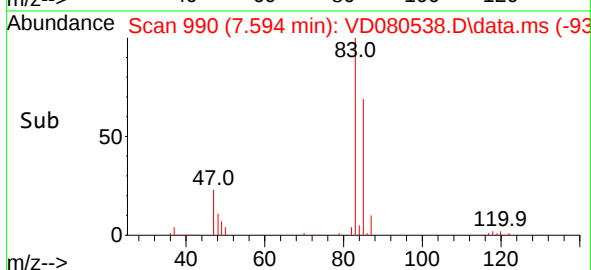
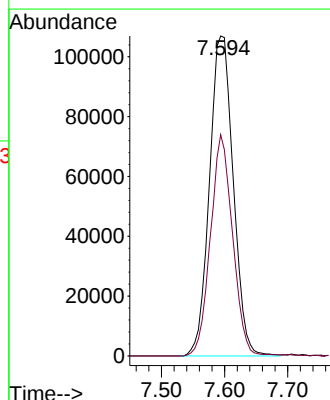
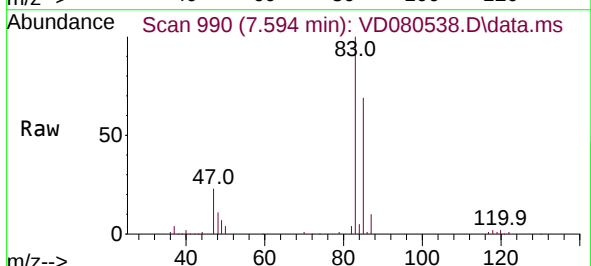
RT: 7.594 min Scan# 990

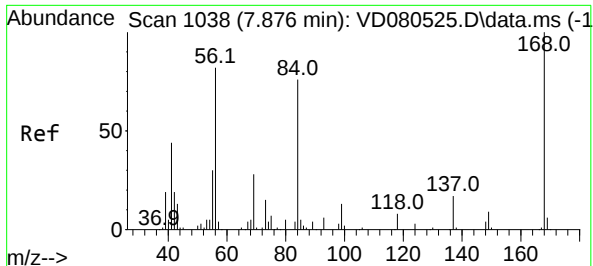
Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

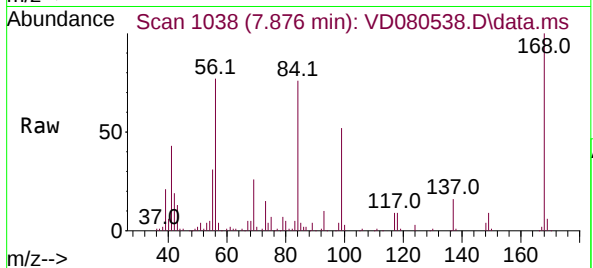
Tgt Ion:	83	Resp:	279799
Ion	Ratio	Lower	Upper
83	100		
85	69.2	49.8	74.8





#31
Cyclohexane
Concen: 46.090 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

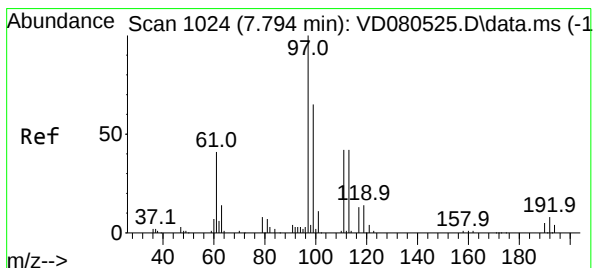
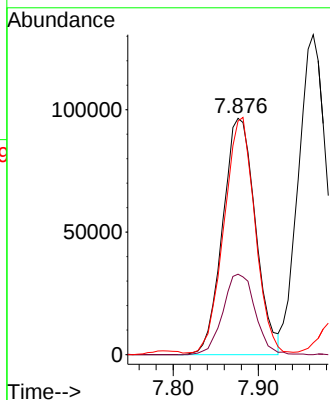
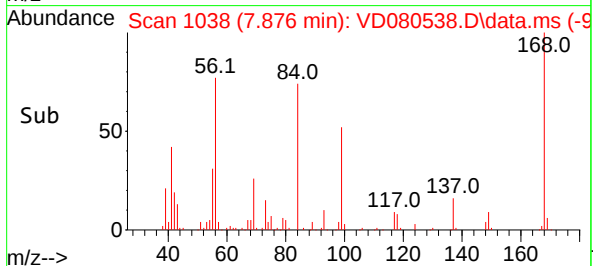
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



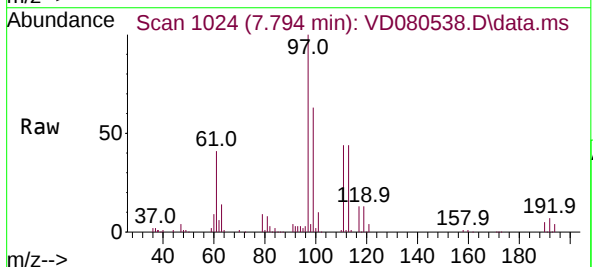
Tgt Ion: 56 Resp: 257868
Ion Ratio Lower Upper
56 100
69 34.0 27.6 41.4
84 97.5 74.6 111.8

Manual Integrations
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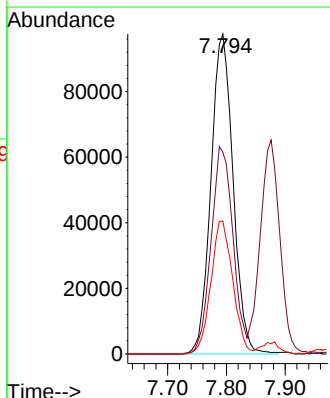
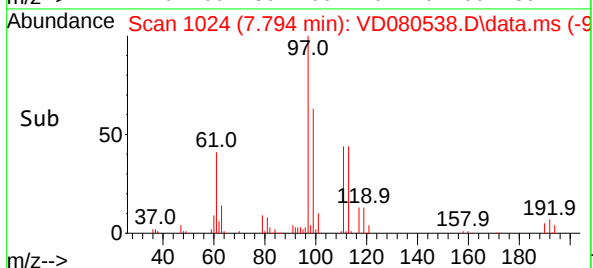
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

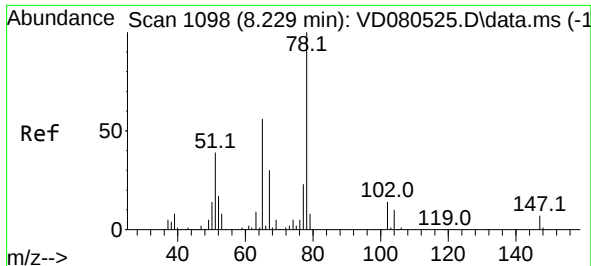


#32
1,1,1-Trichloroethane
Concen: 50.667 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion: 97 Resp: 254931
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 41.0 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 110322

Ion Ratio Lower Upper

65 100

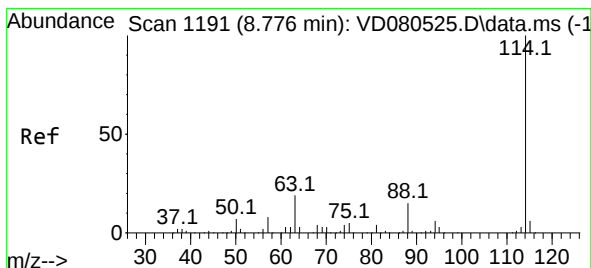
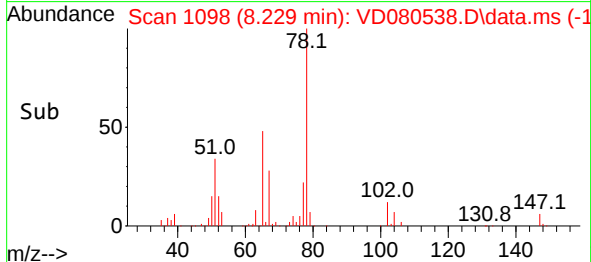
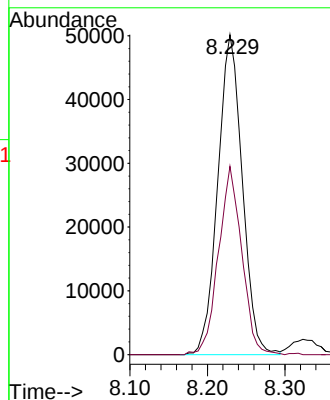
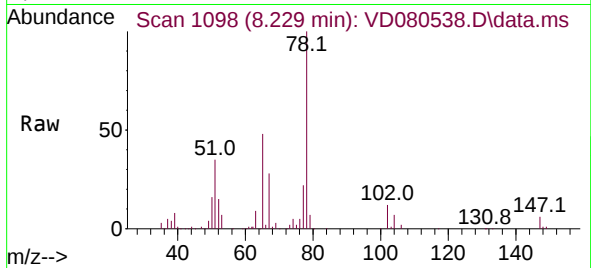
67 55.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

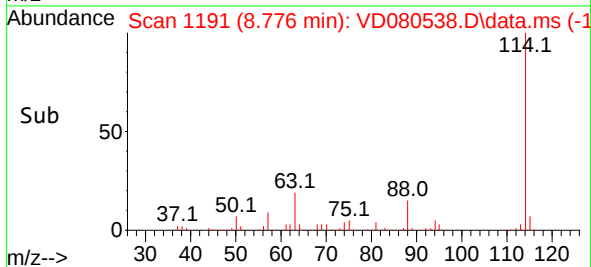
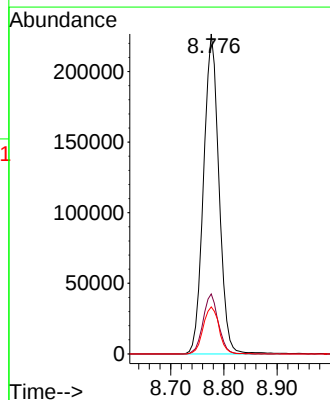
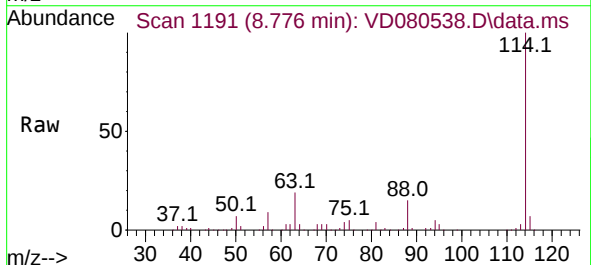
Tgt Ion:114 Resp: 455271

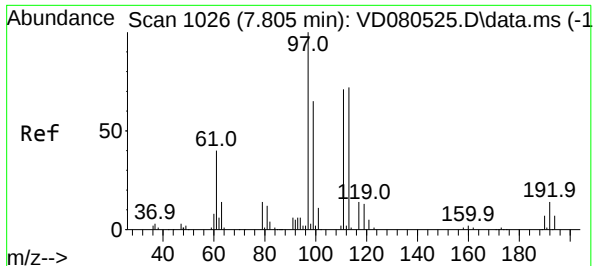
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.2

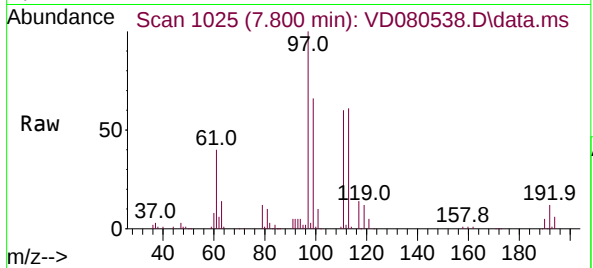
88 14.7 0.0 29.6





#35
Dibromofluoromethane
Concen: 49.810 ug/l
RT: 7.800 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

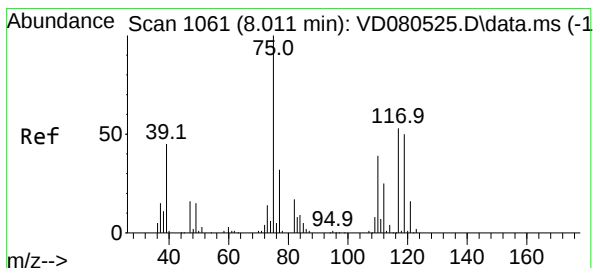
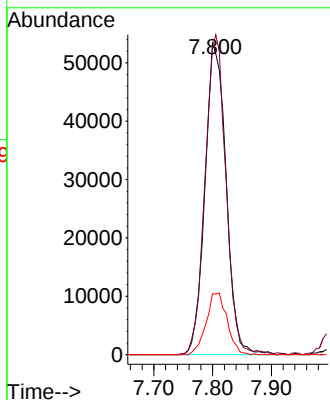
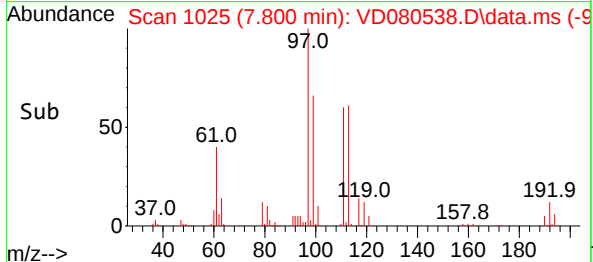
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 133504
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 19.6 16.0 24.0

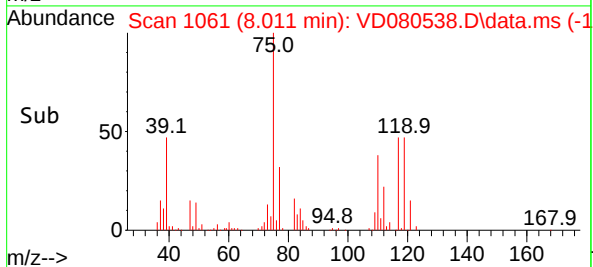
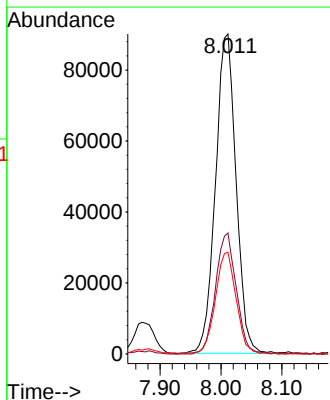
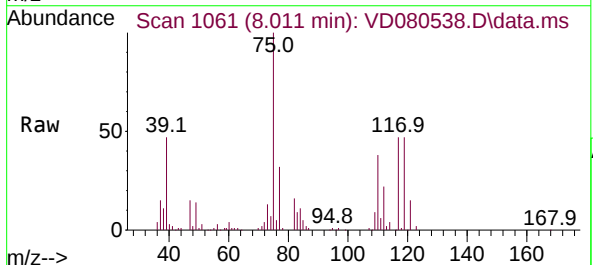
Manual Integrations
APPROVED

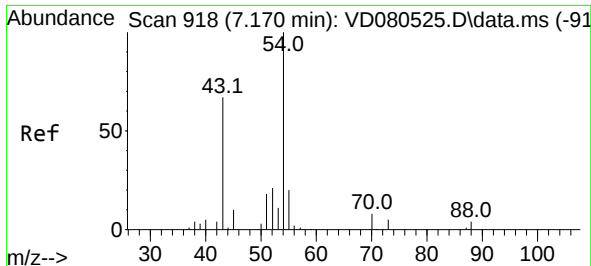
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#36
1,1-Dichloropropene
Concen: 51.093 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion: 75 Resp: 211694
Ion Ratio Lower Upper
75 100
110 38.0 18.9 56.5
77 32.2 25.8 38.8





#37

Ethyl Acetate

Concen: 43.963 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 55098

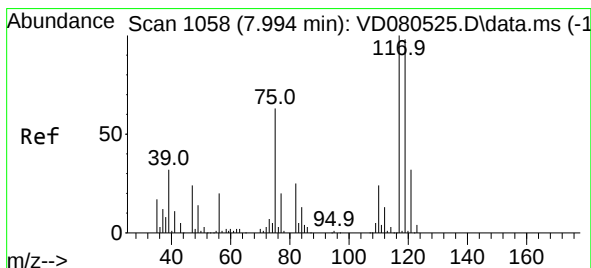
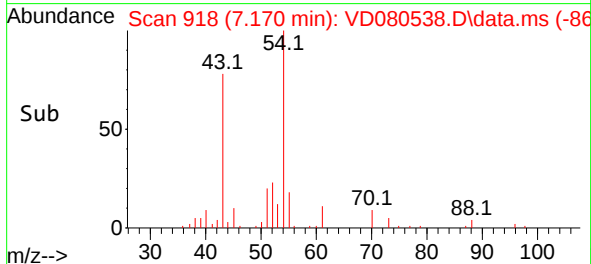
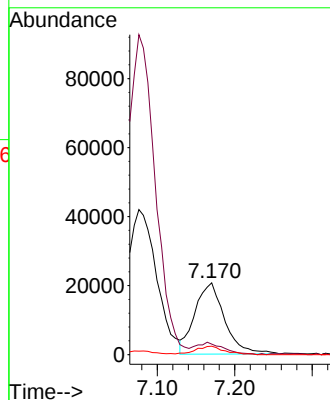
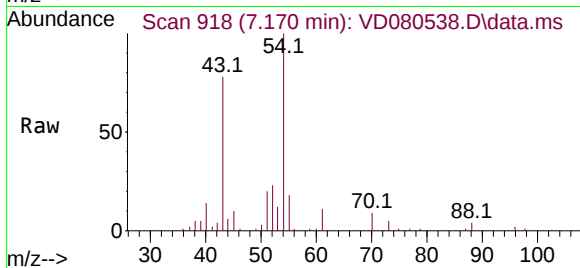
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.9	17.9
70	11.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#38

Carbon Tetrachloride

Concen: 54.087 ug/l

RT: 7.994 min Scan# 1058

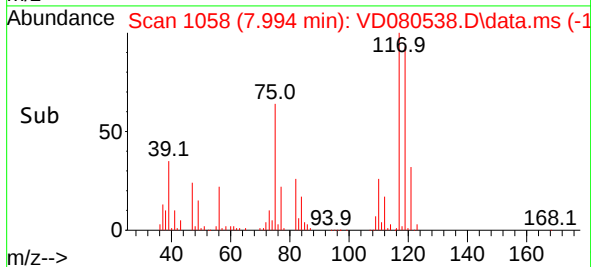
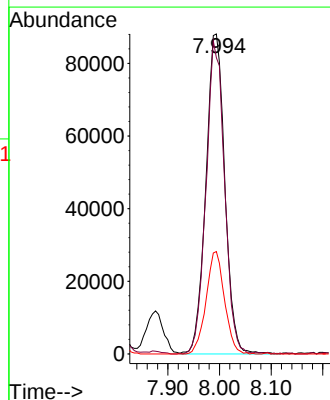
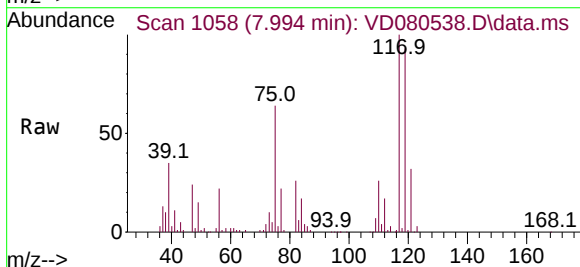
Delta R.T. 0.000 min

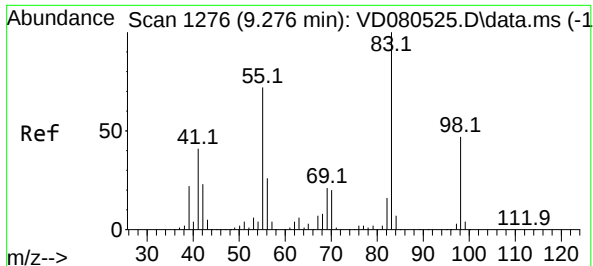
Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Tgt Ion:117 Resp: 225198

Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.2	117.4
121	32.0	25.8	38.6





#39

Methylcyclohexane

Concen: 51.799 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 283174

Ion Ratio Lower Upper

83 100

55 70.2 57.8 86.8

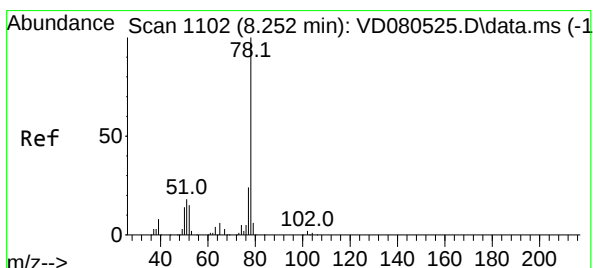
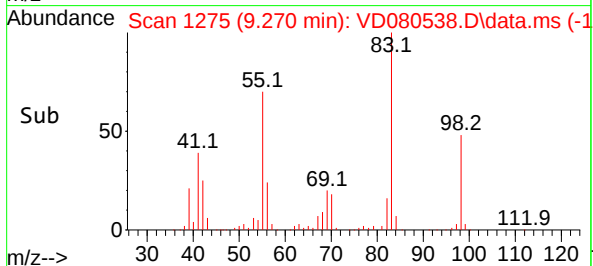
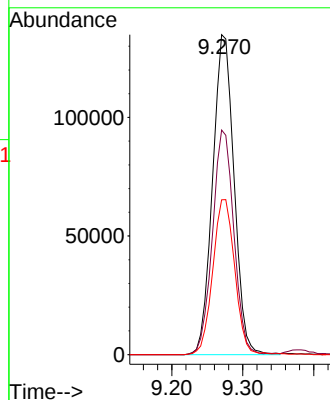
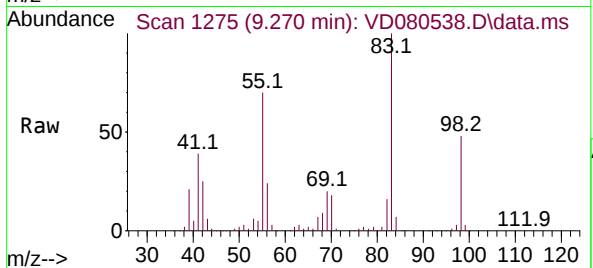
98 48.4 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#40

Benzene

Concen: 49.666 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080538.D

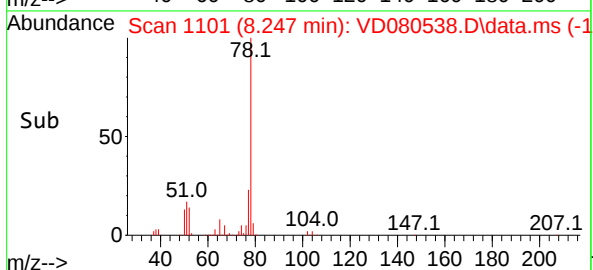
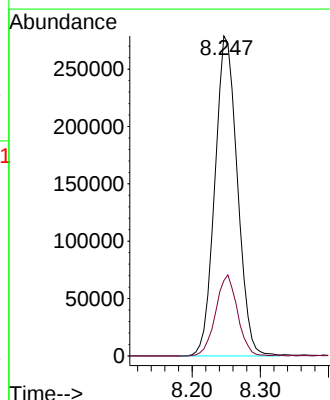
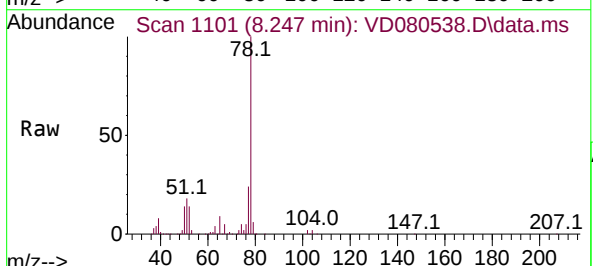
Acq: 18 Nov 2025 14:06

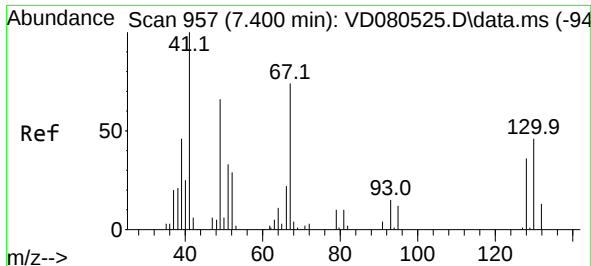
Tgt Ion: 78 Resp: 637200

Ion Ratio Lower Upper

78 100

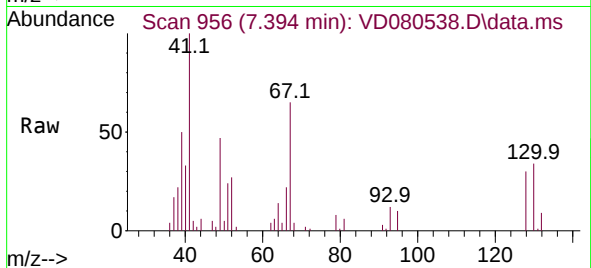
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 43.212 ug/l
RT: 7.394 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

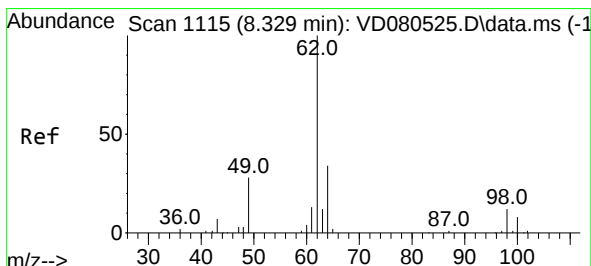
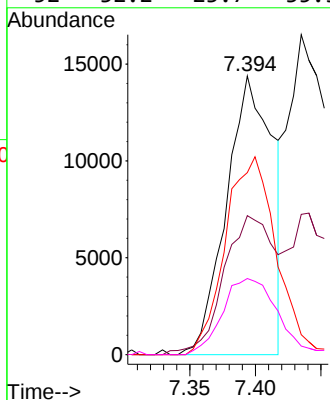
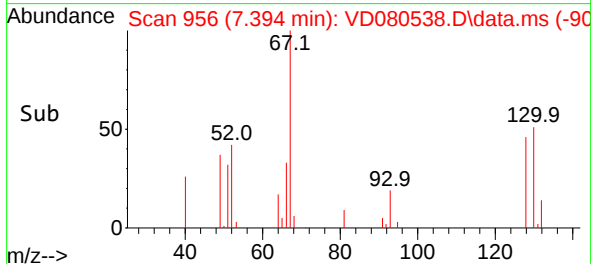
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



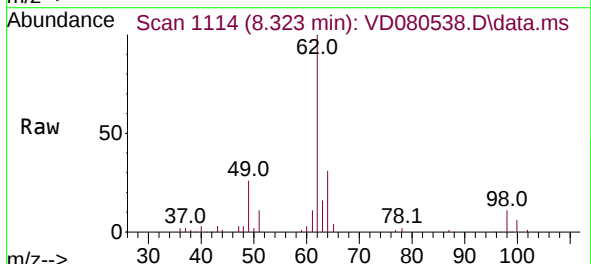
Tgt Ion: 41 Resp: 35378
Ion Ratio Lower Upper
41 100
39 53.6 44.3 66.5
67 78.2 64.0 96.0
52 32.2 23.7 35.5

Manual Integrations
APPROVED

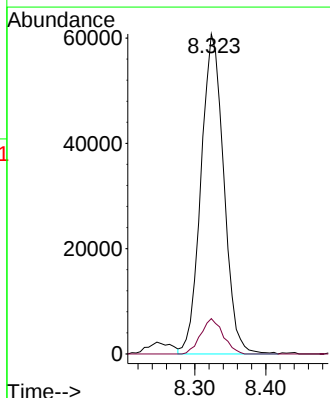
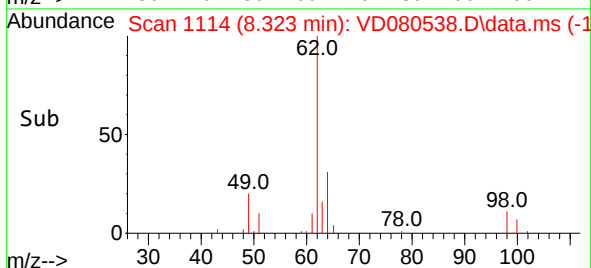
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

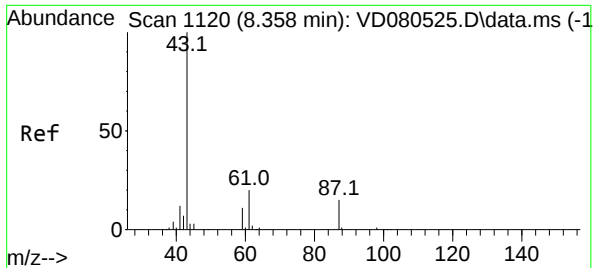


#42
1,2-Dichloroethane
Concen: 50.588 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



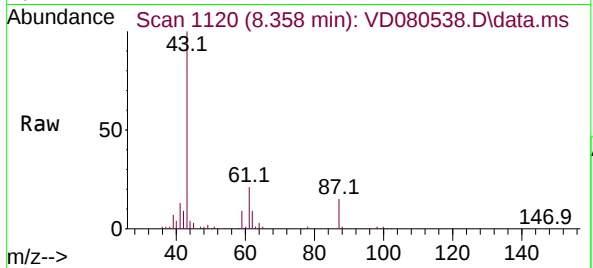
Tgt Ion: 62 Resp: 135449
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.8





#43
Isopropyl Acetate
Concen: 46.049 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

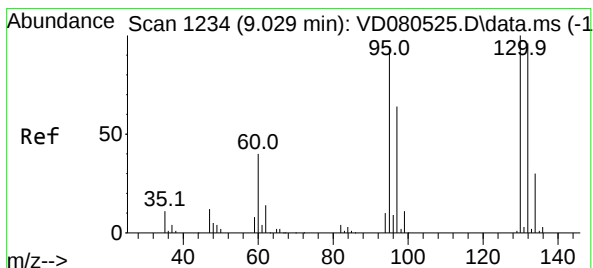
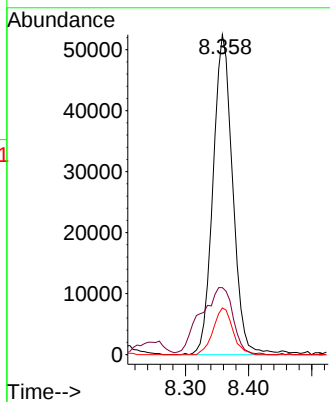
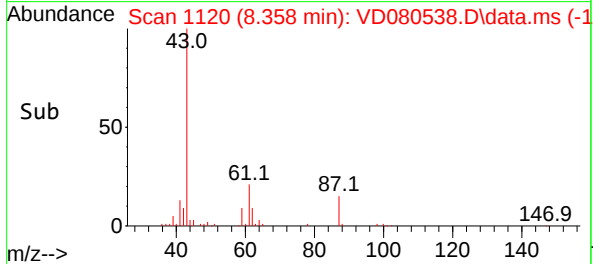
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 113202
Ion Ratio Lower Upper
43 100
61 34.7 26.3 39.5
87 14.5 11.1 16.7

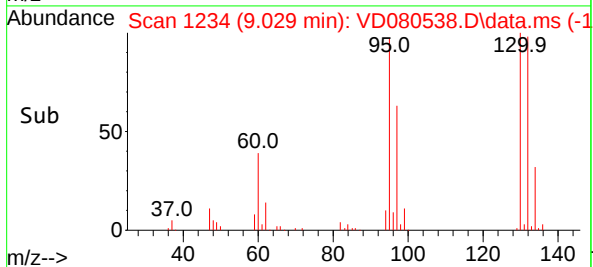
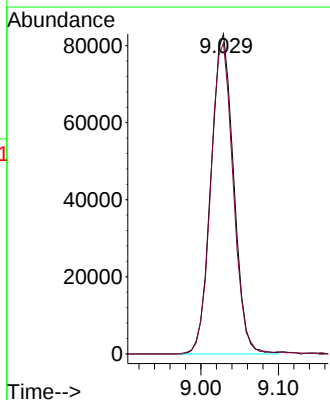
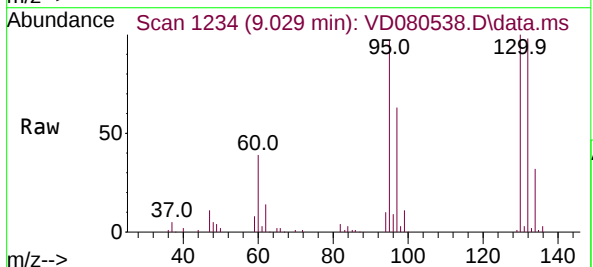
Manual Integrations
APPROVED

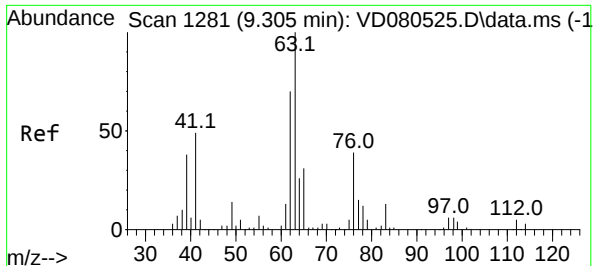
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#44
Trichloroethene
Concen: 51.936 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion:130 Resp: 168442
Ion Ratio Lower Upper
130 100
95 97.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.306 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 141890

Ion Ratio Lower Upper

63 100

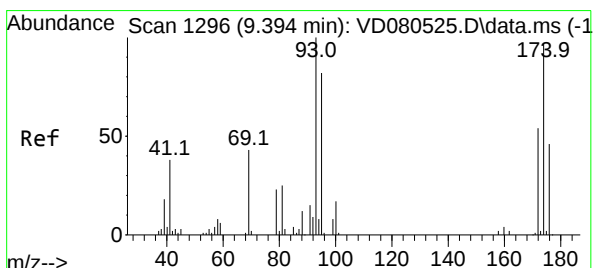
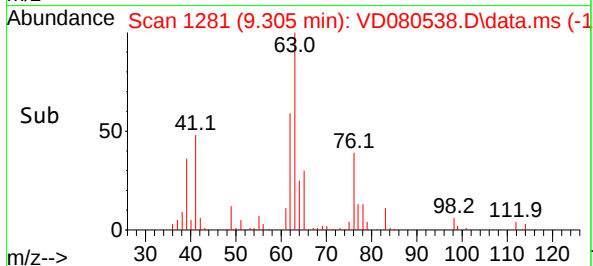
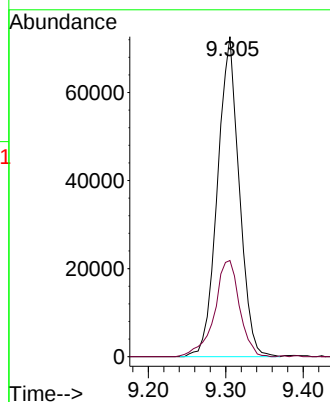
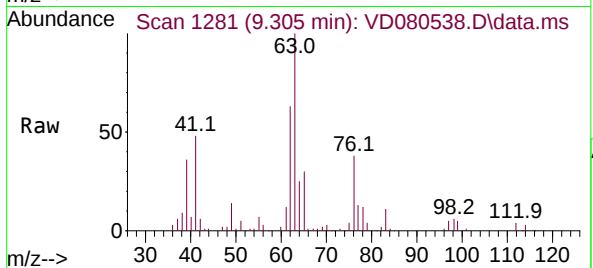
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Dibromomethane

Concen: 50.094 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

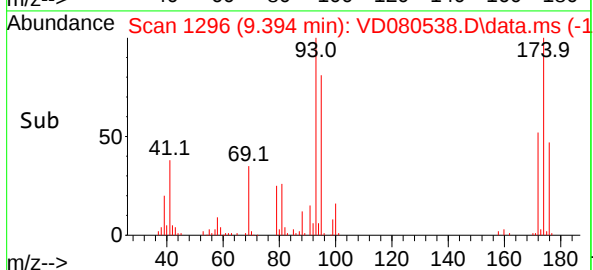
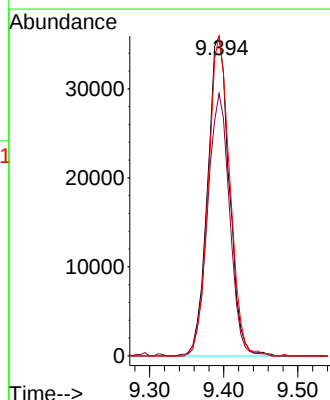
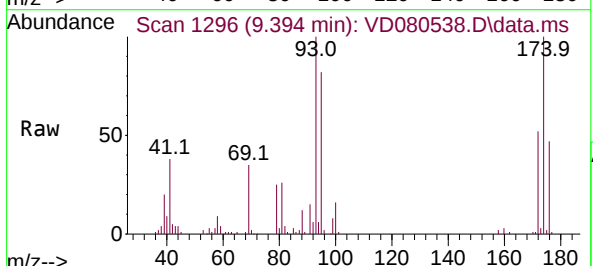
Tgt Ion: 93 Resp: 72580

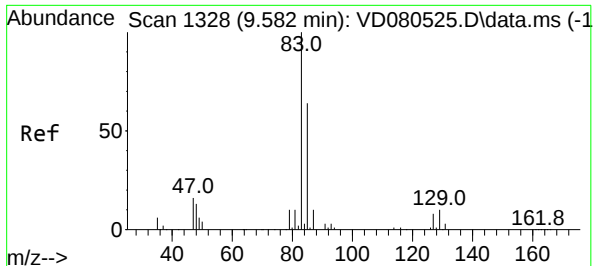
Ion Ratio Lower Upper

93 100

95 83.3 68.2 102.2

174 99.7 79.5 119.3





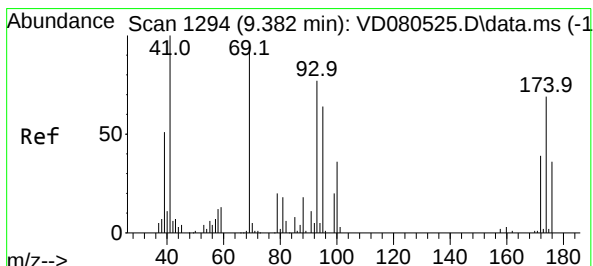
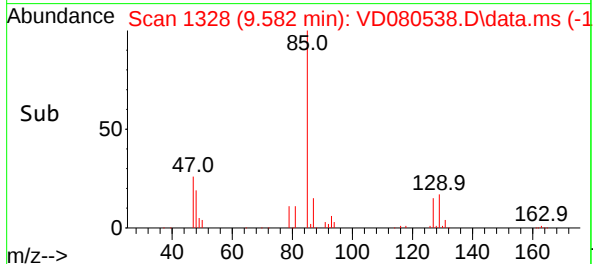
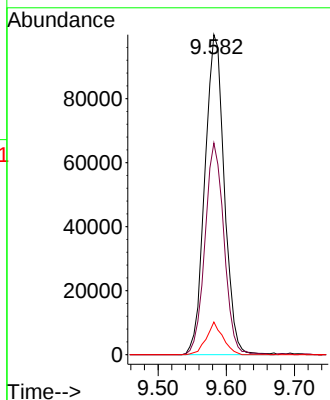
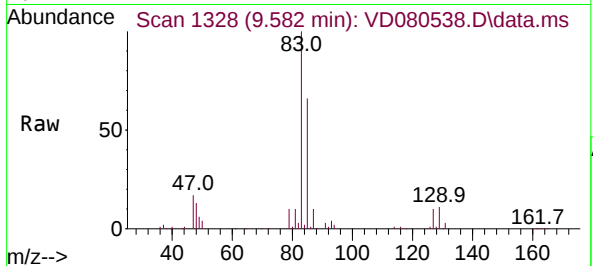
#47
Bromodichloromethane
Concen: 50.545 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 197776
Ion Ratio Lower Upper
83 100
85 66.1 51.0 76.6
127 10.2 6.5 9.7

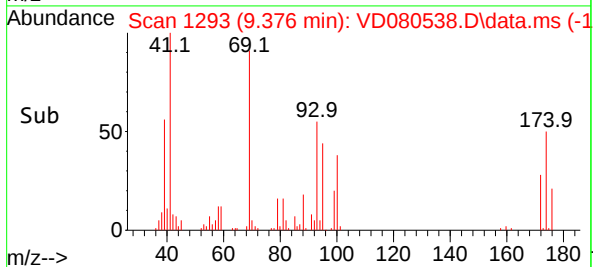
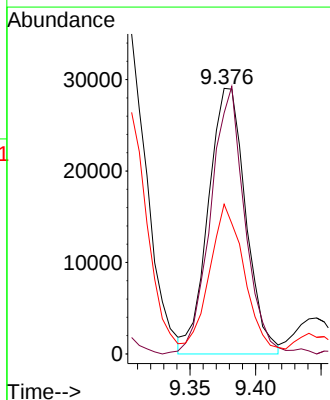
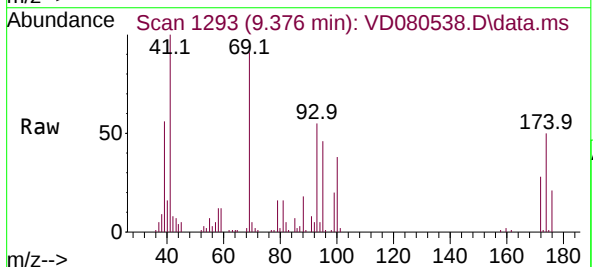
Manual Integrations
APPROVED

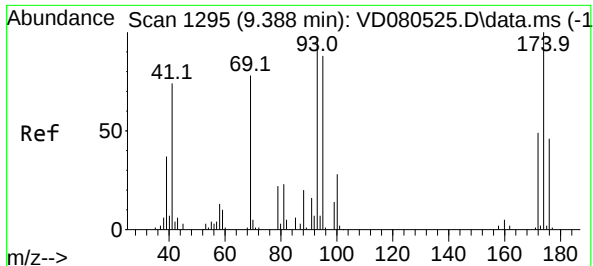
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#48
Methyl methacrylate
Concen: 47.234 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion: 41 Resp: 57641
Ion Ratio Lower Upper
41 100
69 91.9 74.5 111.7
39 53.7 40.6 61.0





#49

1,4-Dioxane

Concen: 955.349 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 12903

Ion Ratio Lower Upper

88 100

43 35.9 28.0 42.0

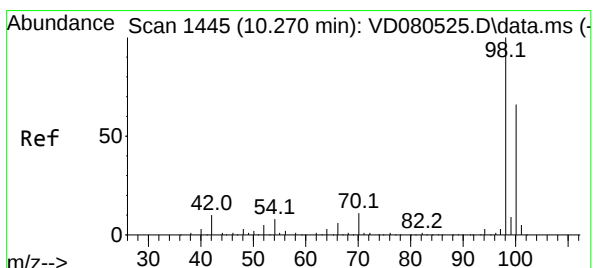
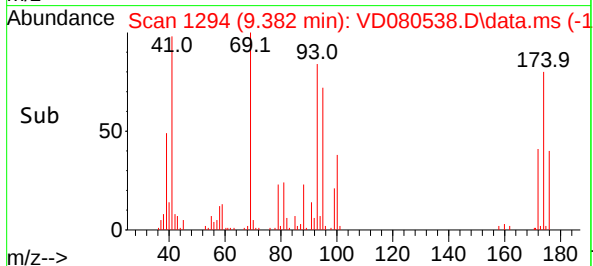
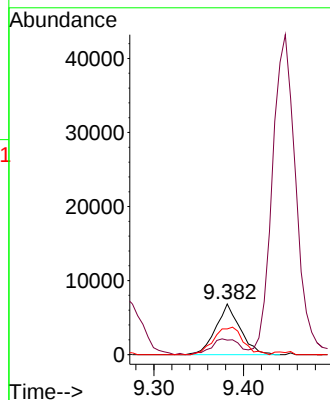
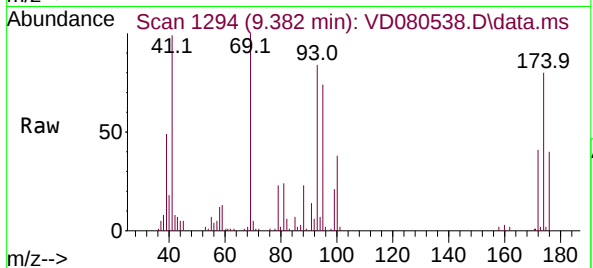
58 64.8 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#50

Toluene-d8

Concen: 50.043 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080538.D

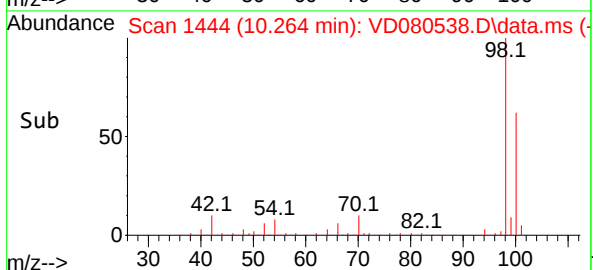
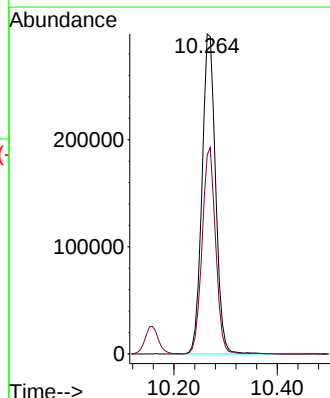
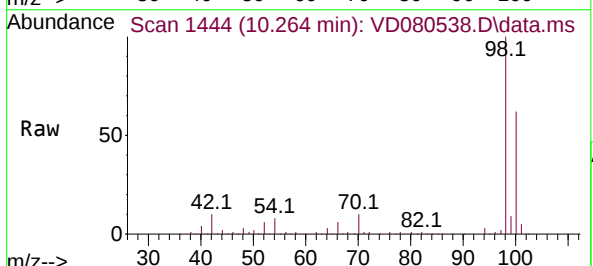
Acq: 18 Nov 2025 14:06

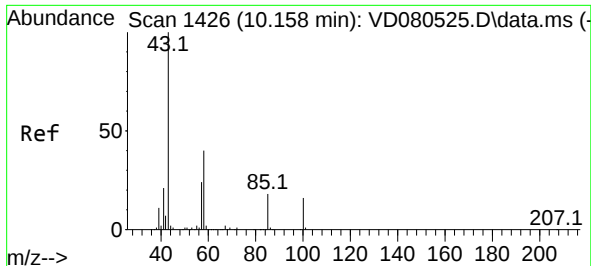
Tgt Ion: 98 Resp: 542608

Ion Ratio Lower Upper

98 100

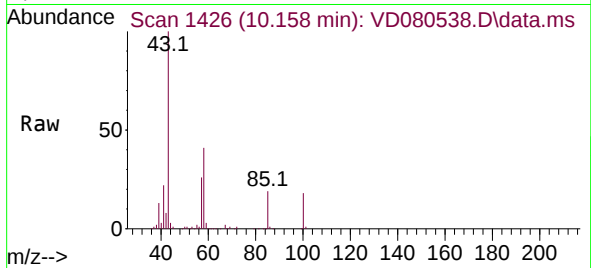
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 228.347 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

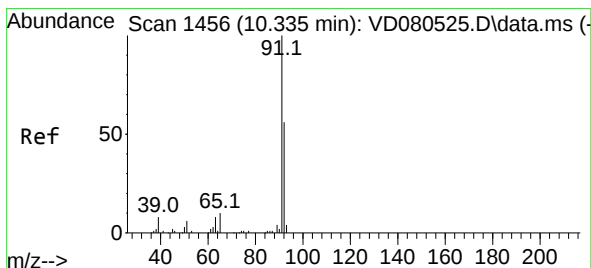
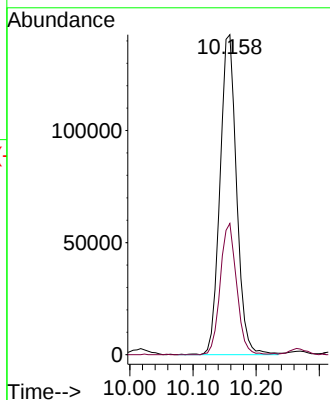
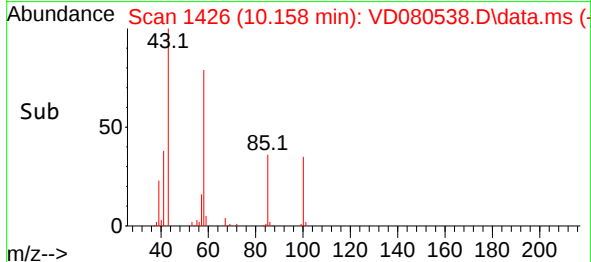
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 260463
Ion Ratio Lower Upper
43 100
58 40.4 32.8 49.2

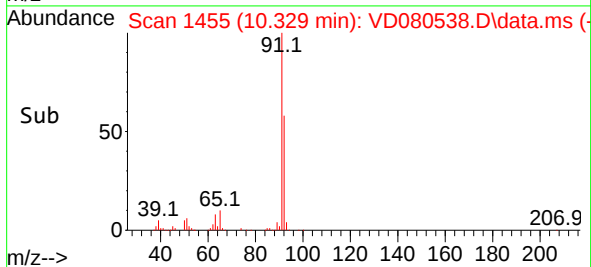
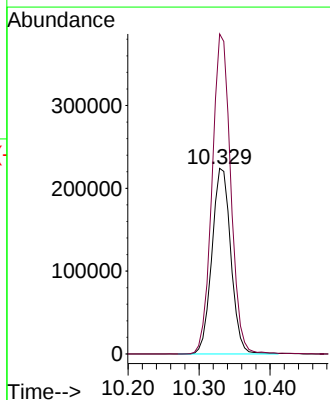
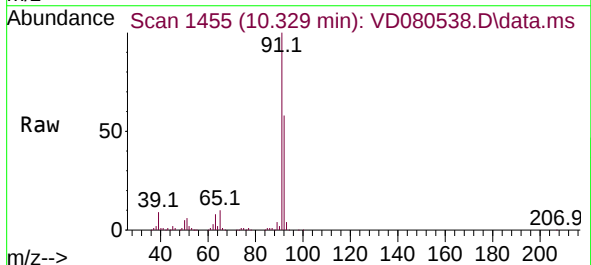
Manual Integrations
APPROVED

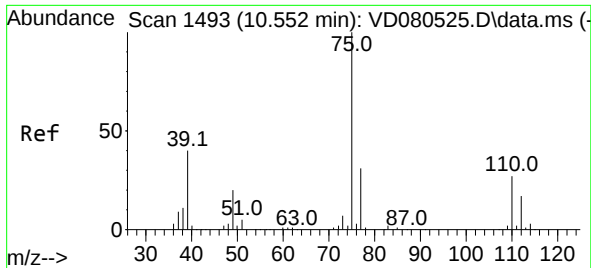
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#52
Toluene
Concen: 51.071 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

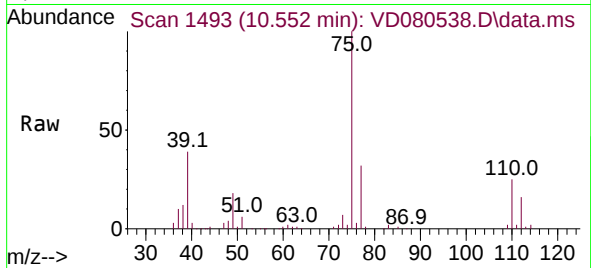
Tgt Ion: 92 Resp: 414369
Ion Ratio Lower Upper
92 100
91 170.6 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 49.604 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

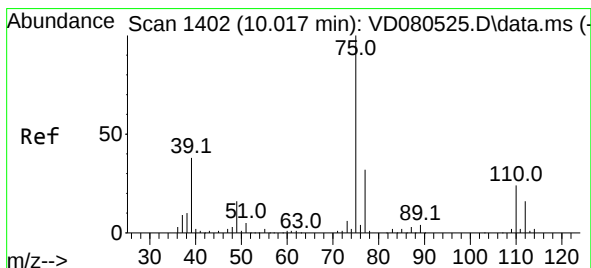
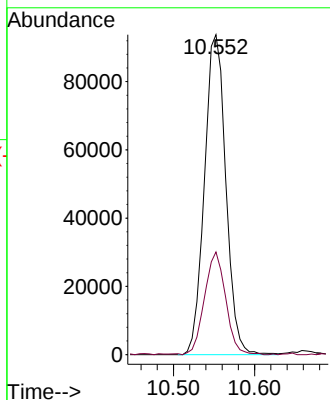
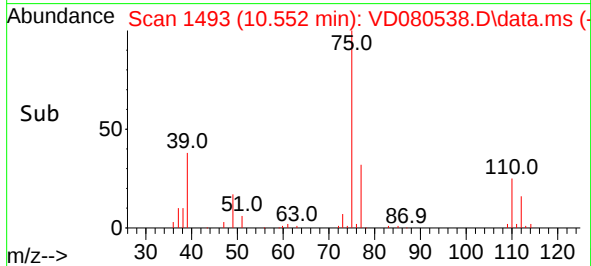
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 171993
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1

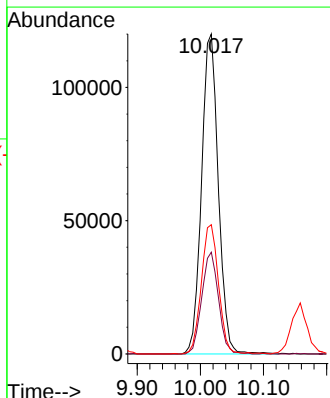
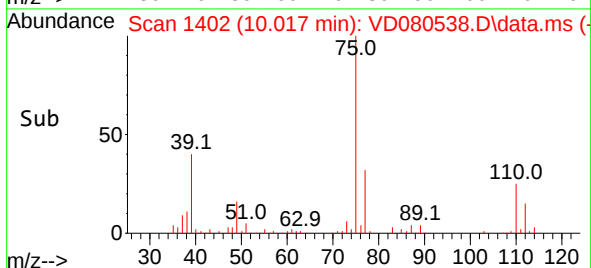
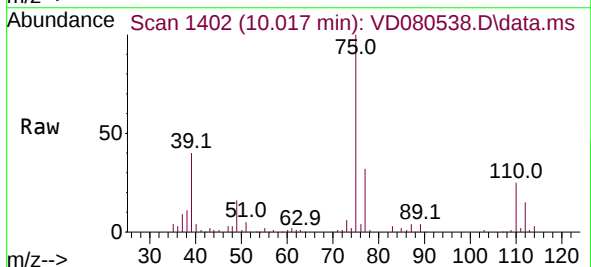
Manual Integrations
APPROVED

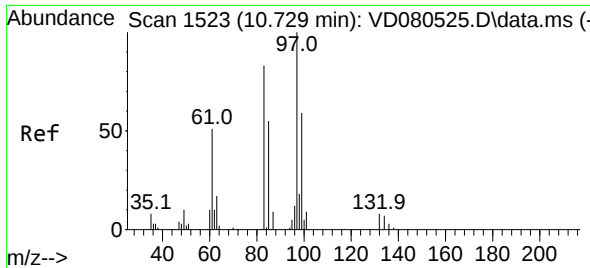
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#54
cis-1,3-Dichloropropene
Concen: 49.428 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

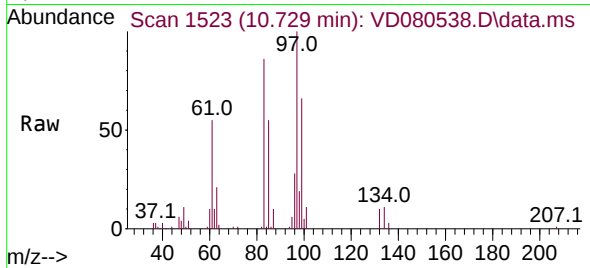
Tgt Ion: 75 Resp: 221037
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 40.4 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 48.671 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

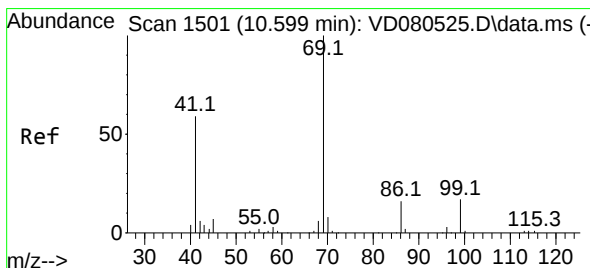
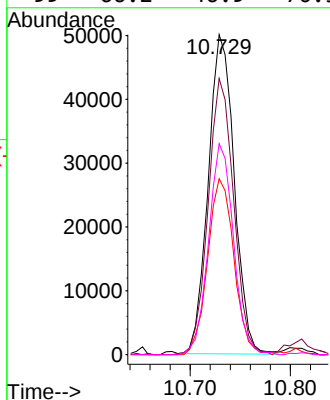
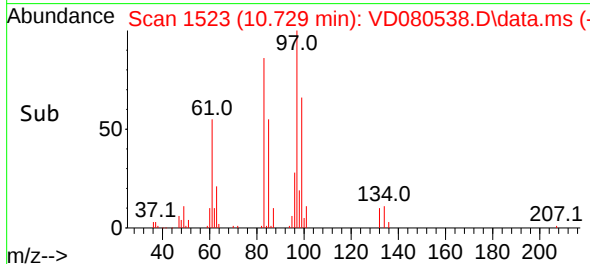
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.3	99.5
85	55.1	43.8	65.8
99	66.2	46.9	70.3

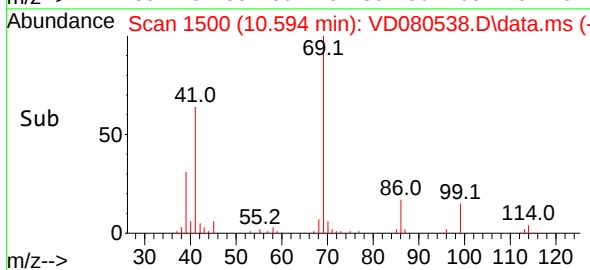
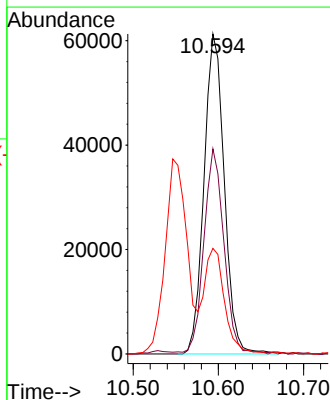
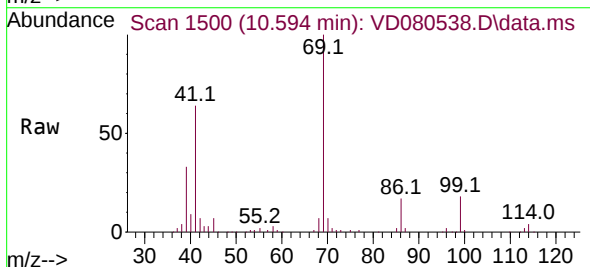
Manual Integrations
APPROVED

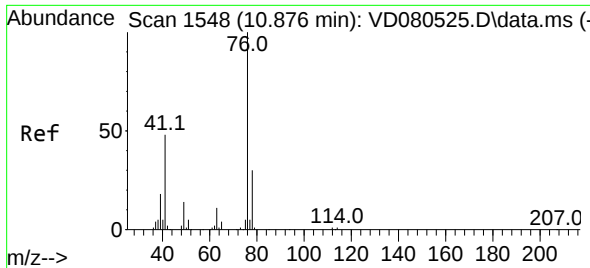
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#56
Ethyl methacrylate
Concen: 47.330 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.6	74.4
39	32.6	23.5	35.3





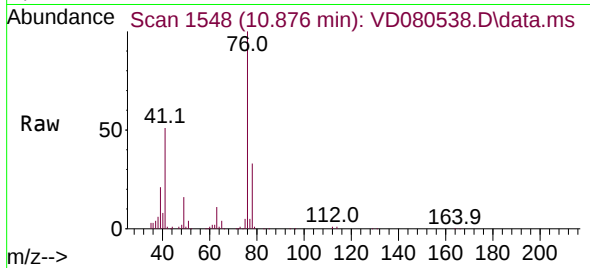
#57
1,3-Dichloropropane
Concen: 48.096 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



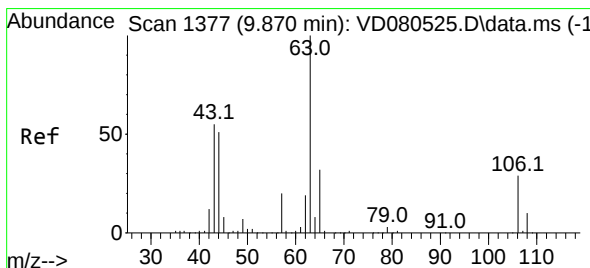
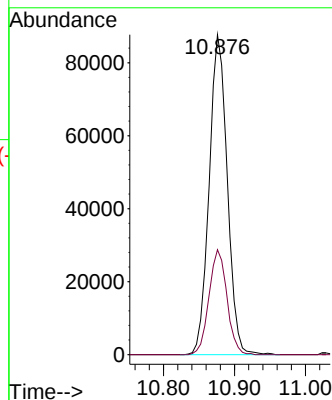
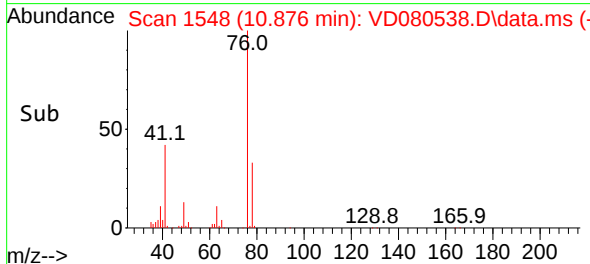
Tgt Ion: 76 Resp: 155452
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations

APPROVED

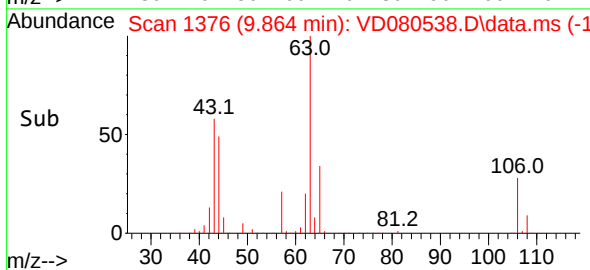
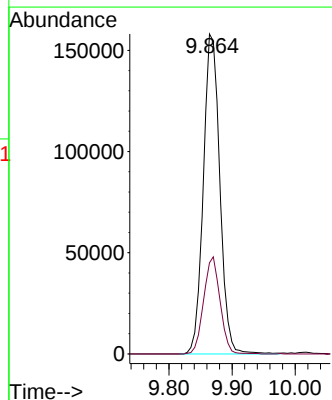
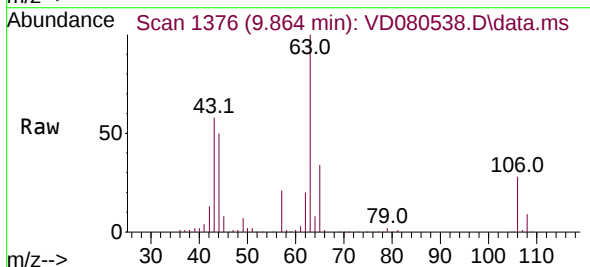
Reviewed By :Amit Patel 11/19/2025

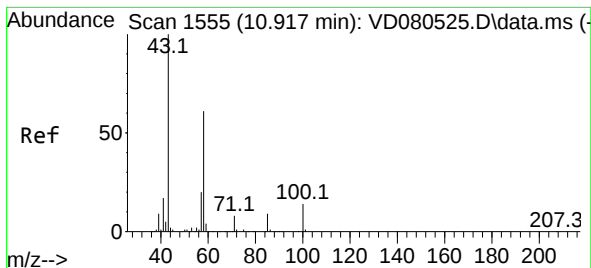
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 239.261 ug/l
RT: 9.864 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

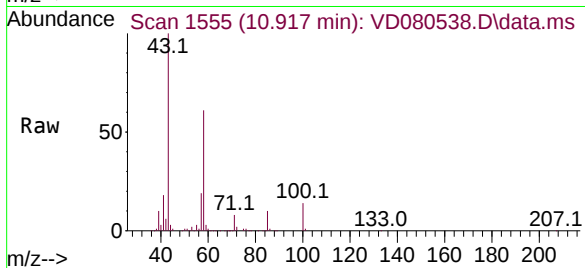
Tgt Ion: 63 Resp: 287114
Ion Ratio Lower Upper
63 100
106 30.1 22.6 33.8





#59
2-Hexanone
Concen: 223.278 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

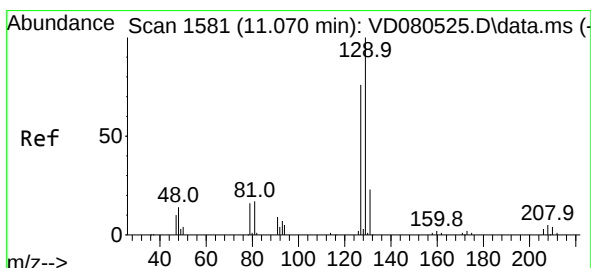
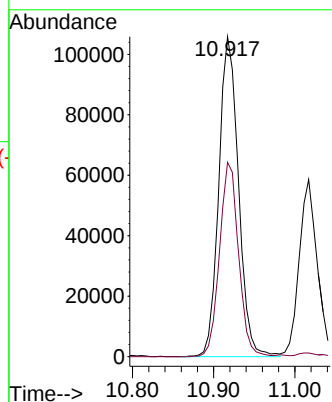
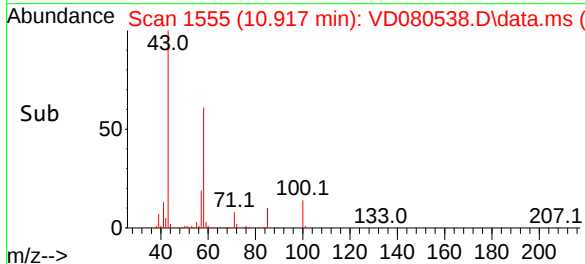
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 178040
Ion Ratio Lower Upper
43 100
58 58.6 29.6 88.9

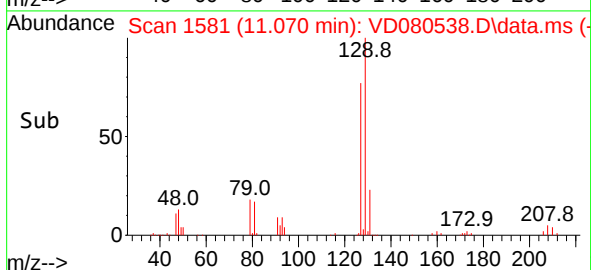
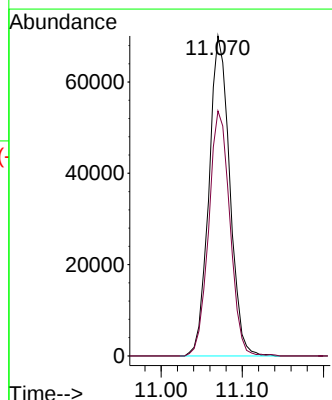
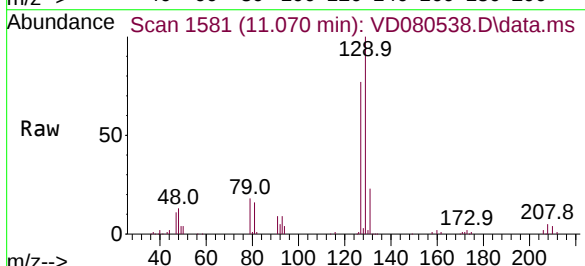
Manual Integrations
APPROVED

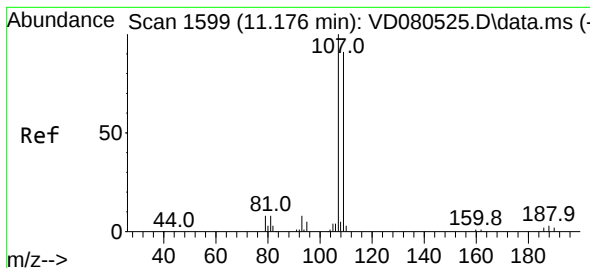
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 50.728 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

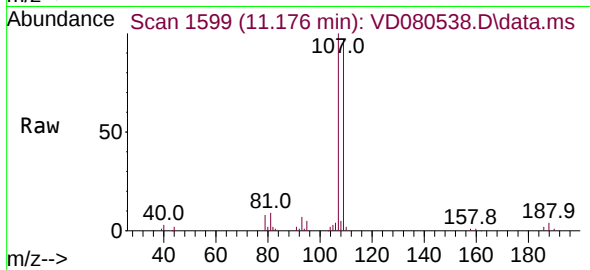
Tgt Ion:129 Resp: 124940
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 48.868 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

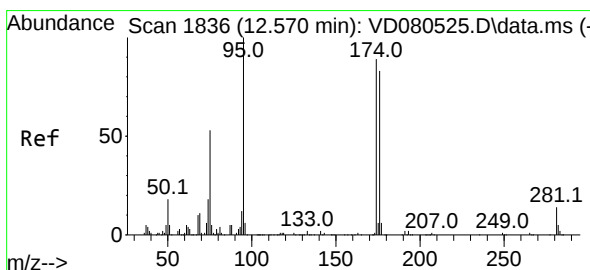
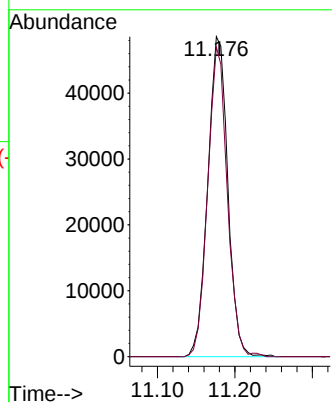
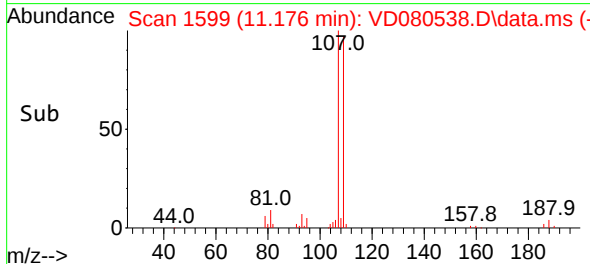
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



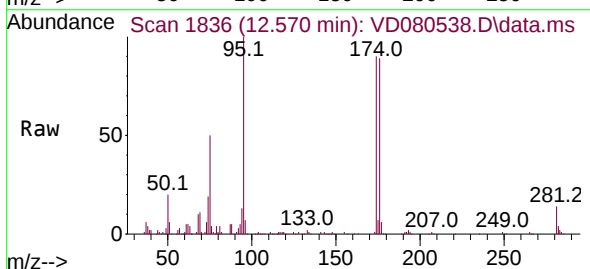
Tgt Ion:107 Resp: 87124
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4

Manual Integrations
APPROVED

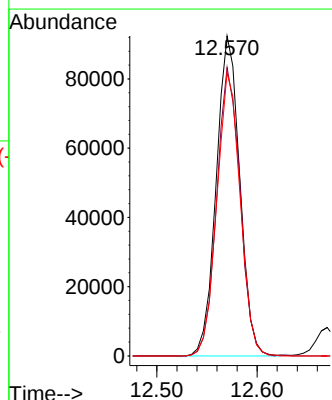
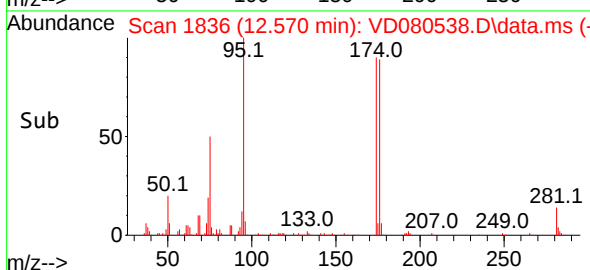
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

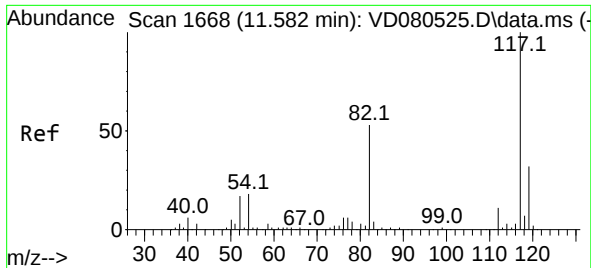


#62
4-Bromofluorobenzene
Concen: 48.385 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



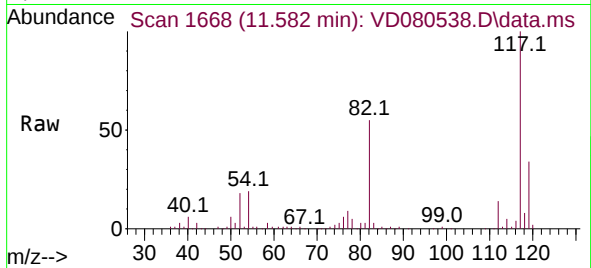
Tgt Ion: 95 Resp: 150827
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.4
176 87.8 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

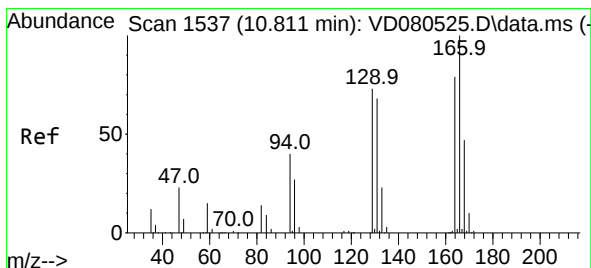
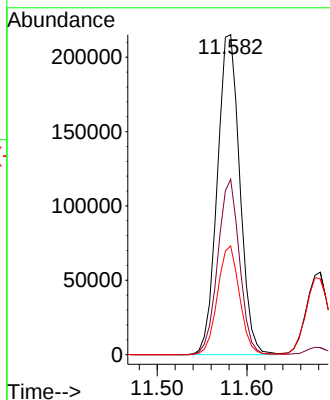
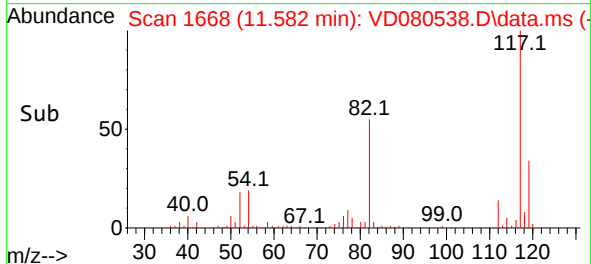
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 377333
Ion Ratio Lower Upper
117 100
82 54.8 42.1 63.1
119 34.0 25.4 38.2

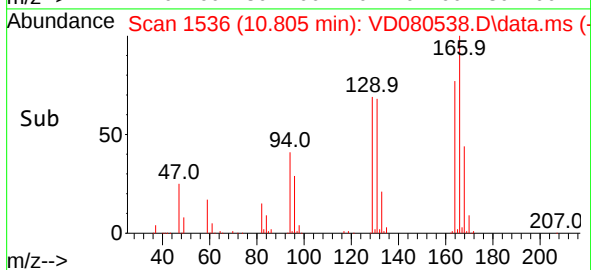
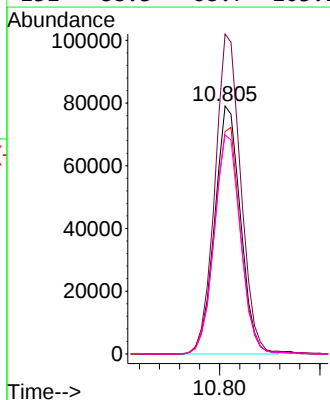
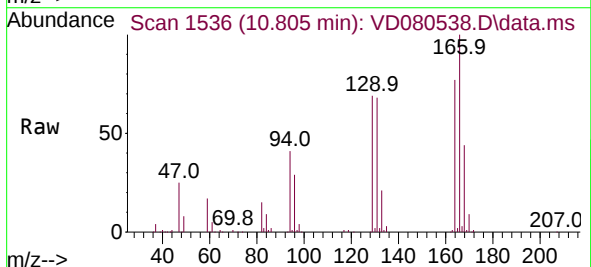
Manual Integrations
APPROVED

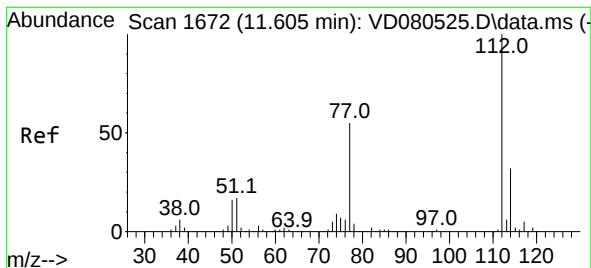
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#64
Tetrachloroethene
Concen: 52.132 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

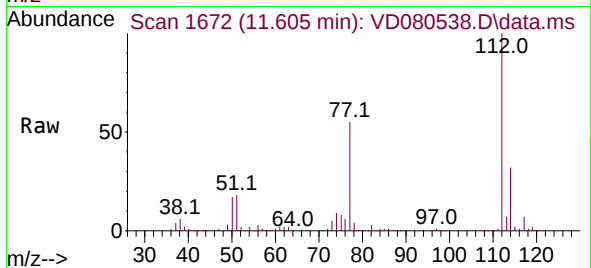
Tgt Ion:164 Resp: 141499
Ion Ratio Lower Upper
164 100
166 129.1 101.2 151.8
129 89.7 74.0 111.0
131 88.3 68.7 103.1





#65
Chlorobenzene
Concen: 51.567 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

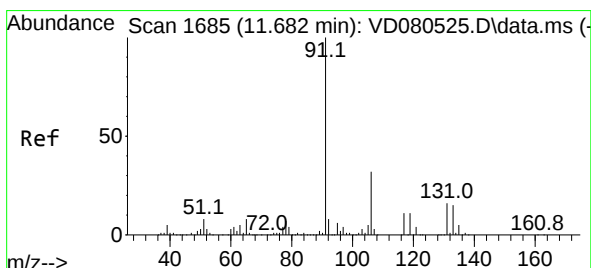
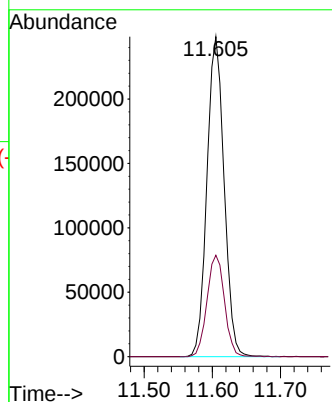
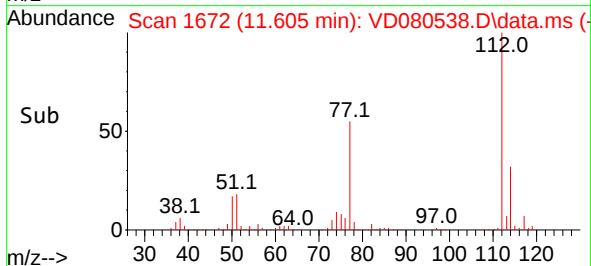
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



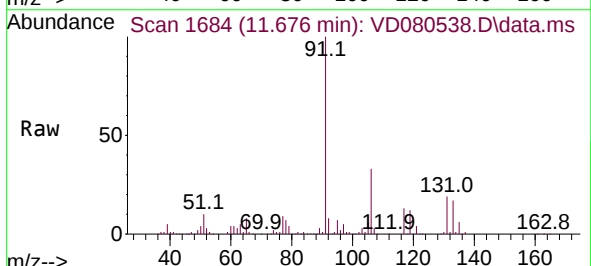
Tgt Ion:112 Resp: 433292
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

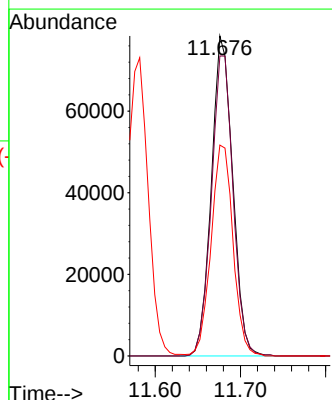
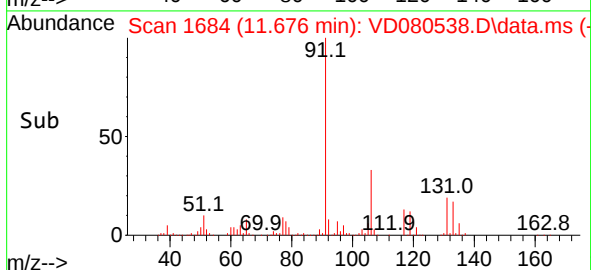
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

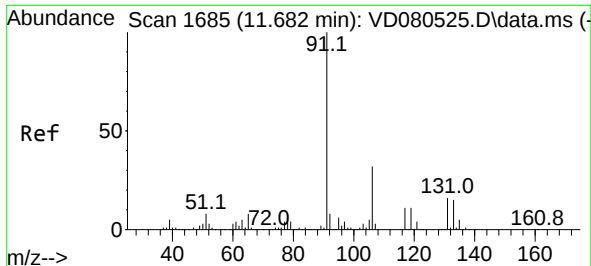


#66
1,1,1,2-Tetrachloroethane
Concen: 51.777 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion:131 Resp: 136062
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 67.9 34.4 103.2





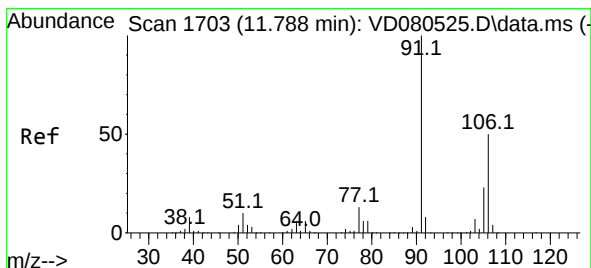
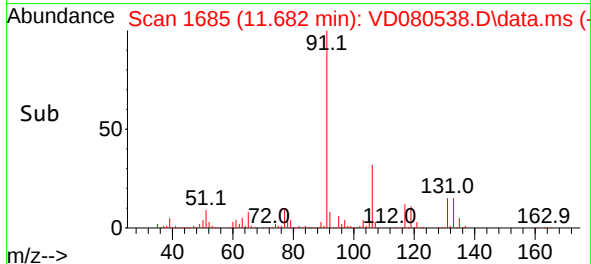
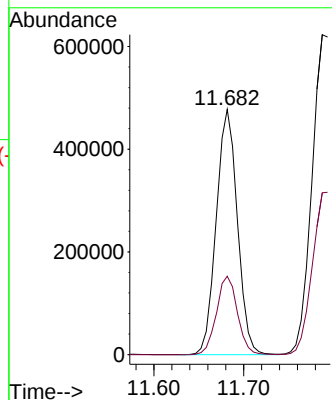
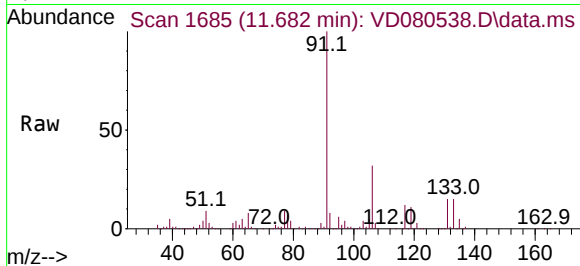
#67
Ethyl Benzene
Concen: 51.537 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 784907
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

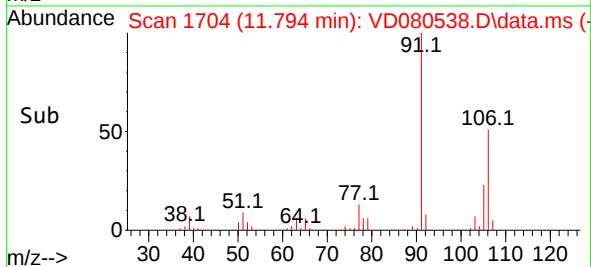
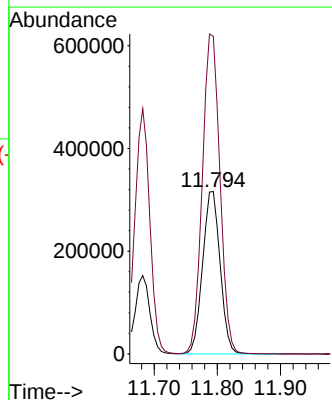
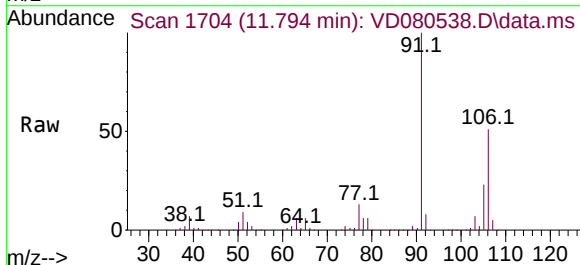
Manual Integrations
APPROVED

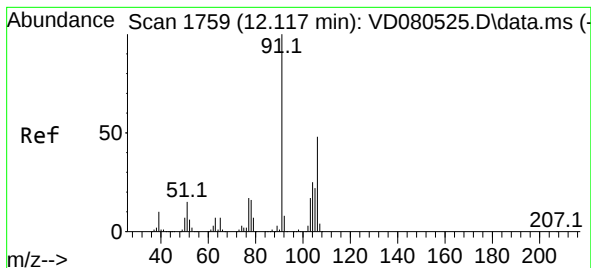
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#68
m/p-Xylenes
Concen: 104.509 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

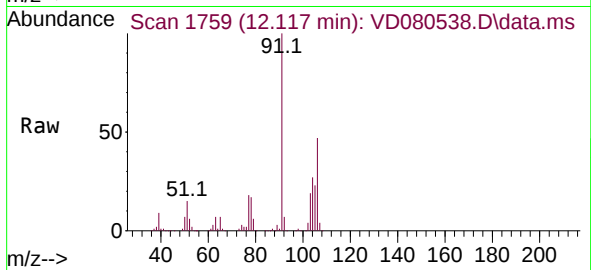
Tgt Ion:106 Resp: 608714
Ion Ratio Lower Upper
106 100
91 198.1 158.7 238.1





#69
o-Xylene
Concen: 51.713 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

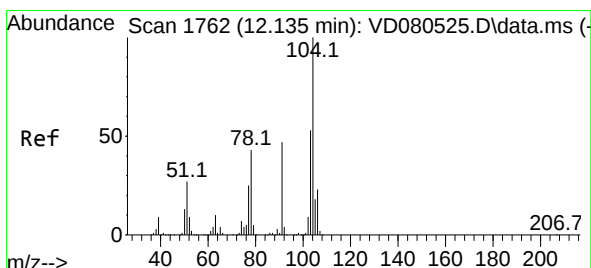
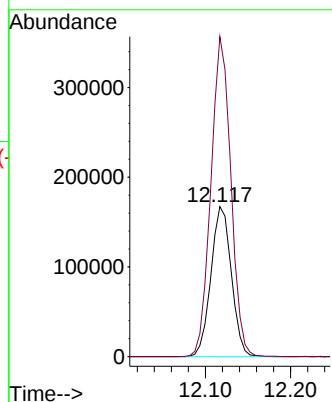
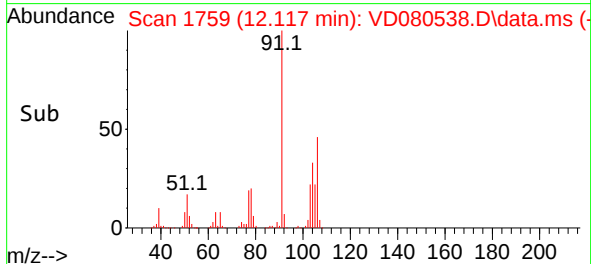
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



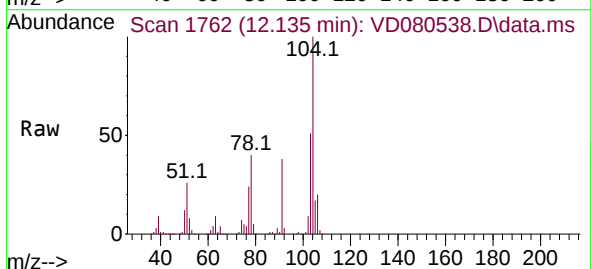
Tgt Ion:106 Resp: 278479
Ion Ratio Lower Upper
106 100
91 208.3 105.8 317.3

Manual Integrations
APPROVED

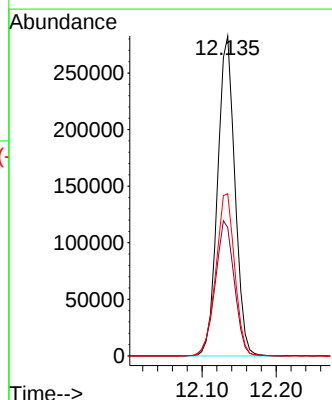
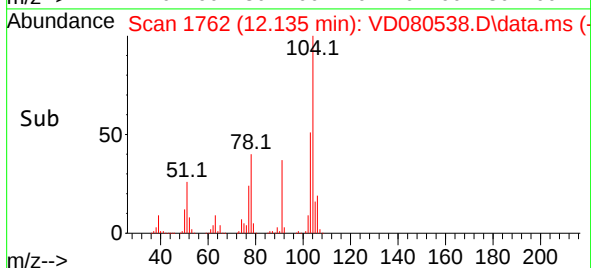
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

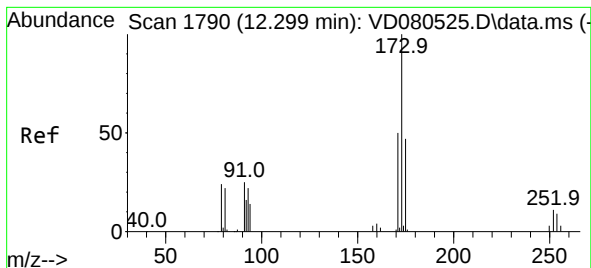


#70
Styrene
Concen: 51.680 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion:104 Resp: 459320
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.8
103 55.3 43.8 65.8





#71

Bromoform

Concen: 51.441 ug/l

RT: 12.293 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

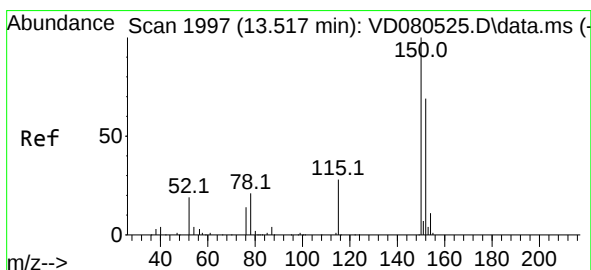
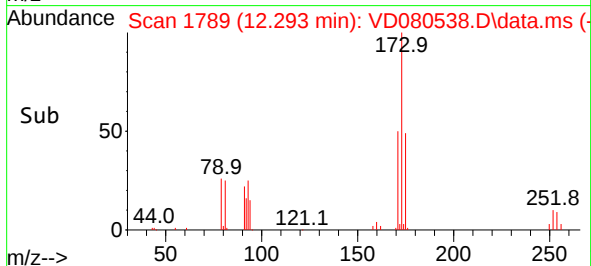
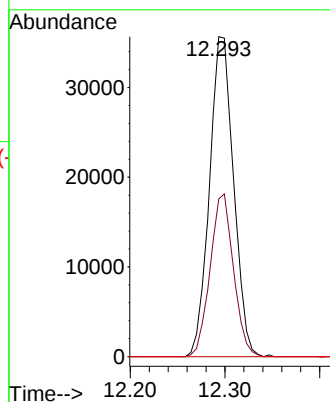
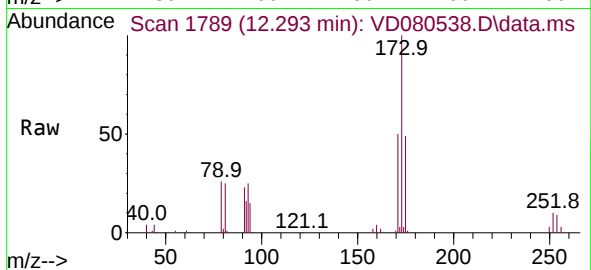
Tgt Ion:173 Resp: 63148
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

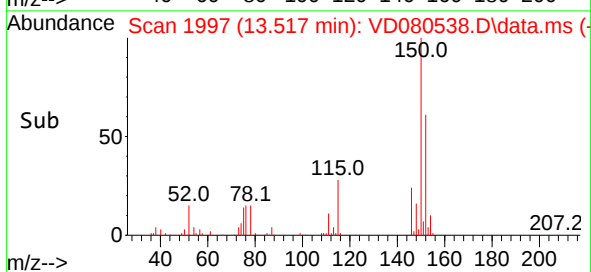
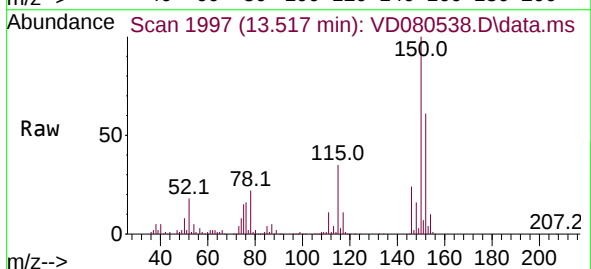
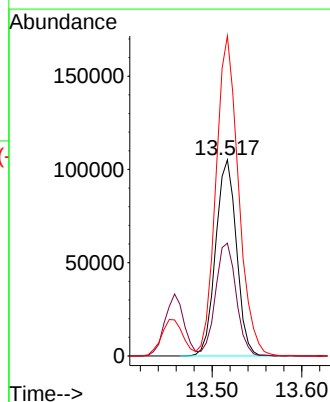
RT: 13.517 min Scan# 1997

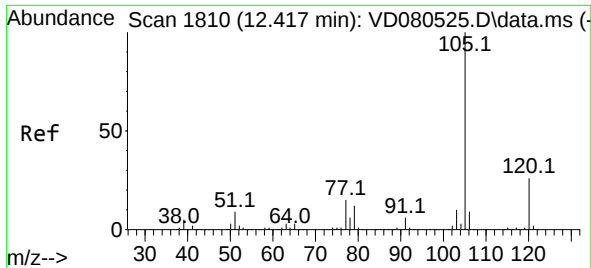
Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

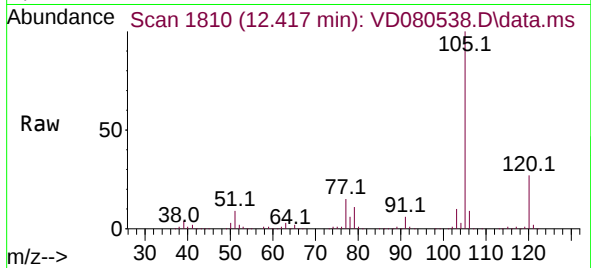
Tgt Ion:152 Resp: 169286
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.1 84.3
 150 177.6 0.0 345.6





#73
Isopropylbenzene
Concen: 51.886 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

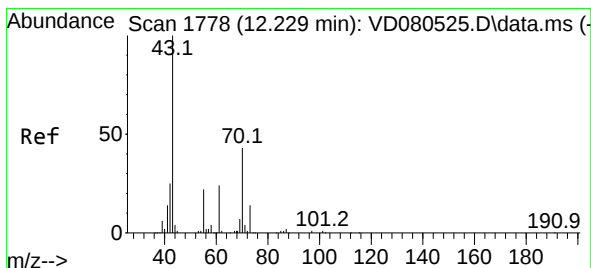
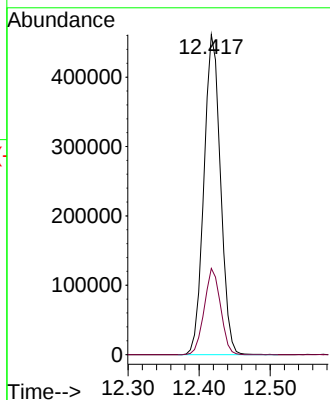
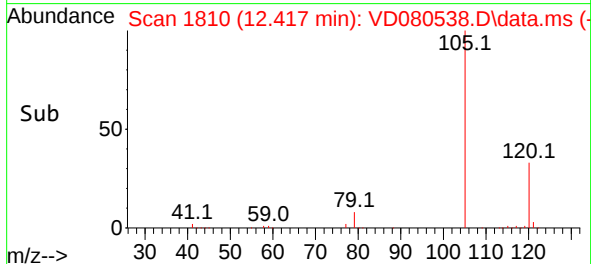
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



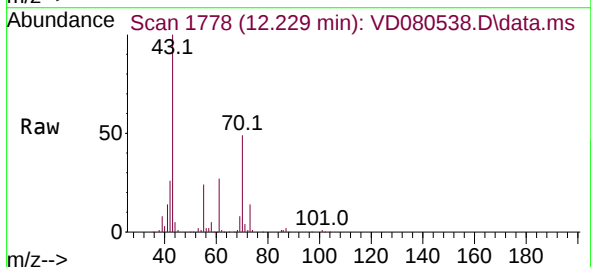
Tgt Ion:105 Resp: 745605
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Manual Integrations
APPROVED

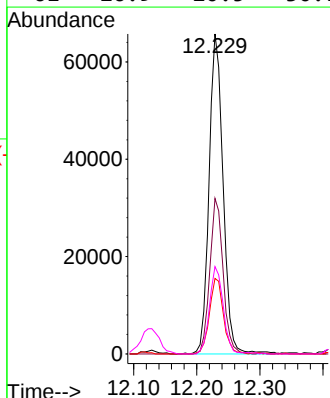
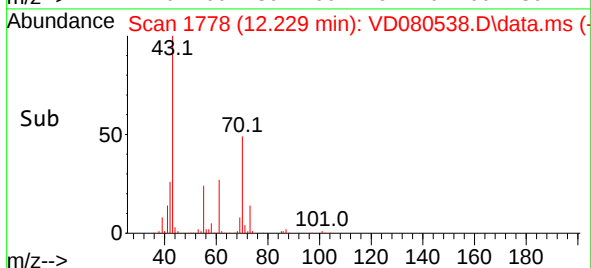
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

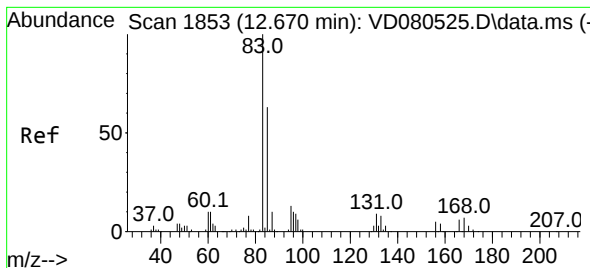


#74
N-ethyl acetate
Concen: 45.597 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion: 43 Resp: 101565
Ion Ratio Lower Upper
43 100
70 46.0 35.2 52.8
55 23.6 18.4 27.6
61 26.9 20.5 30.7





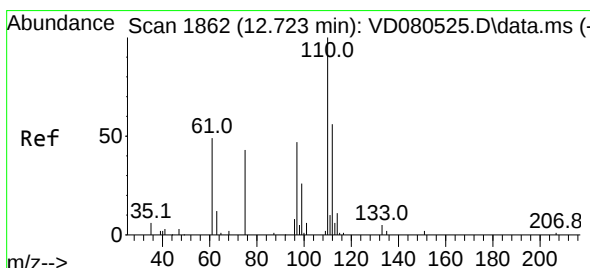
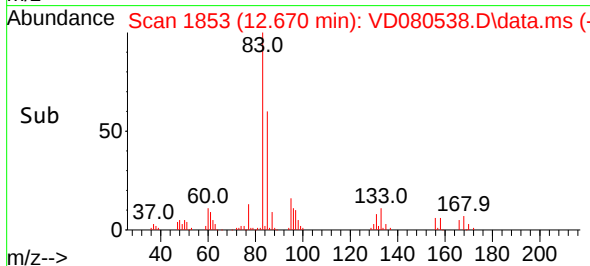
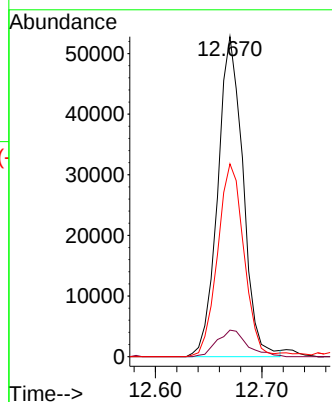
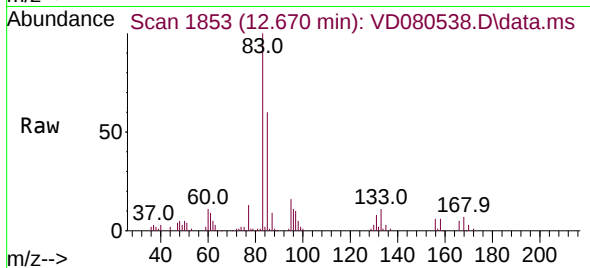
#75
1,1,2,2-Tetrachloroethane
Concen: 48.322 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8708
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 62.6 31.8 95.3

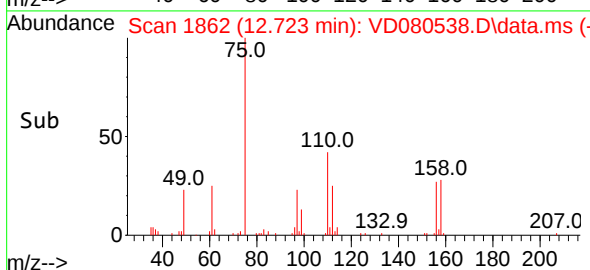
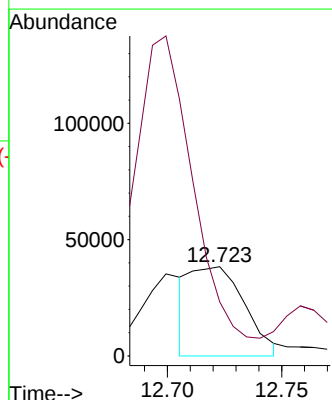
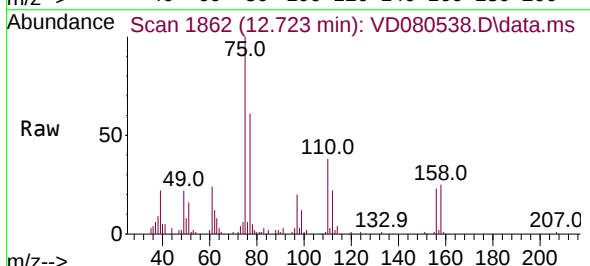
Manual Integrations
APPROVED

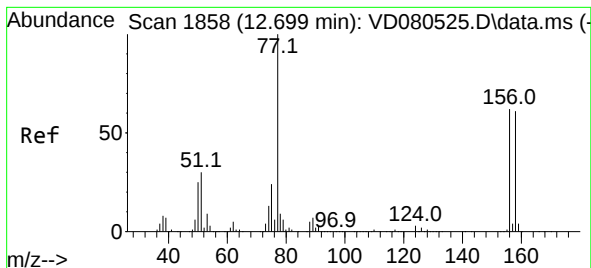
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 48.137 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion: 75 Resp: 63471
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.054 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

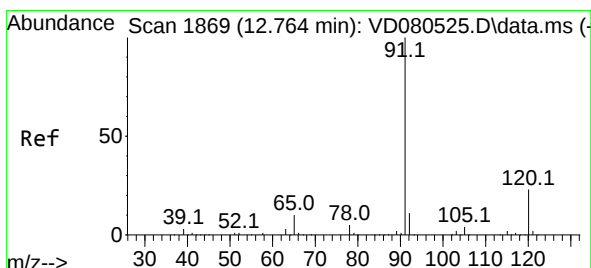
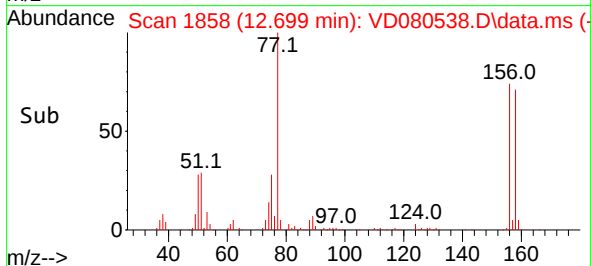
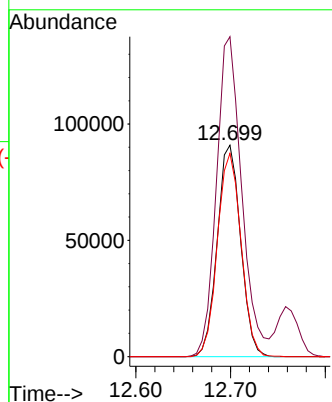
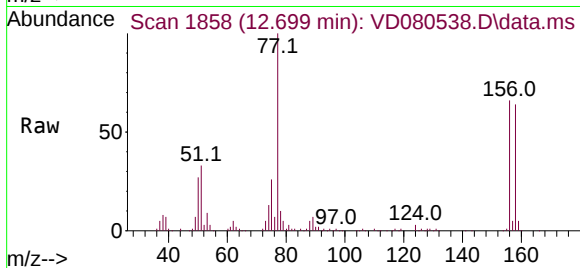
Tgt Ion:156 Resp: 155725
 Ion Ratio Lower Upper
 156 100
 77 164.2 85.3 255.9
 158 97.2 48.4 145.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#78

n-propylbenzene

Concen: 52.016 ug/l

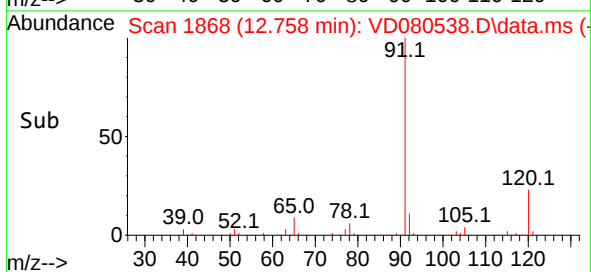
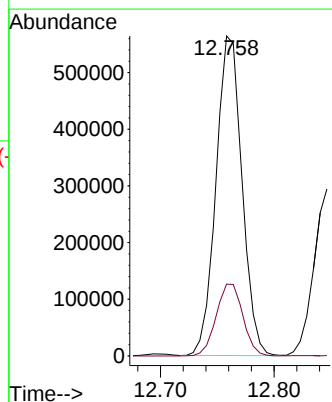
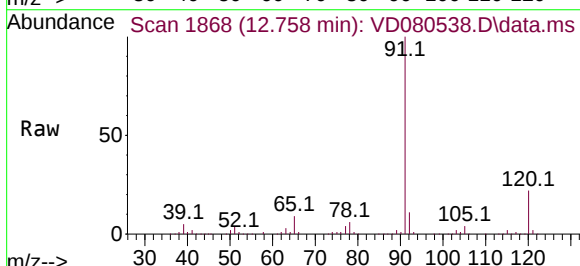
RT: 12.758 min Scan# 1868

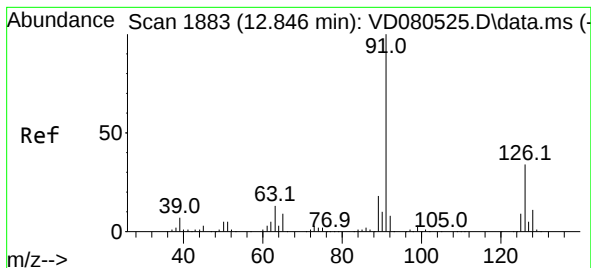
Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Tgt Ion: 91 Resp: 896697
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.4 34.2





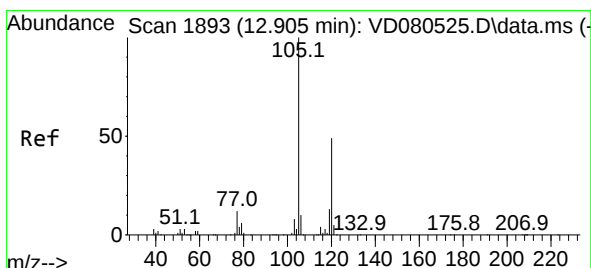
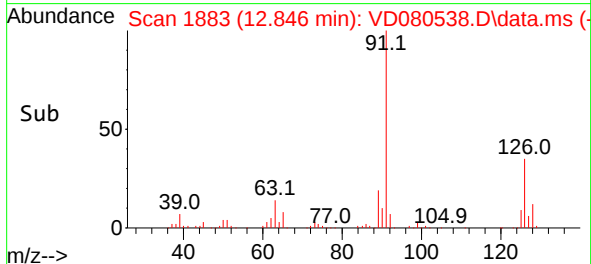
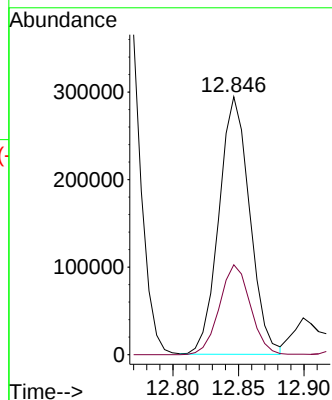
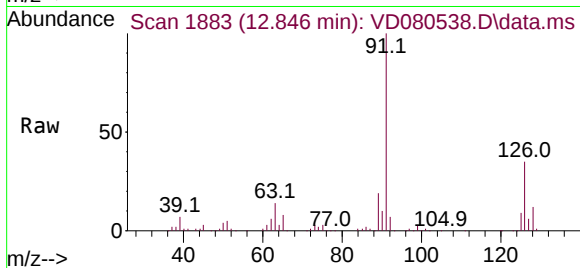
#79
2-Chlorotoluene
Concen: 50.777 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48155
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

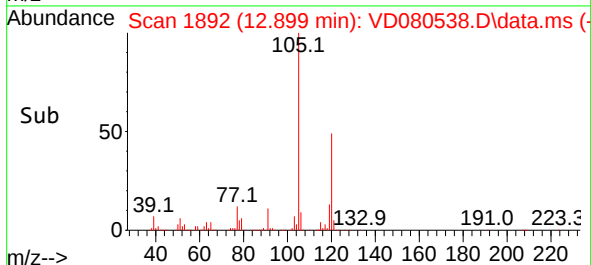
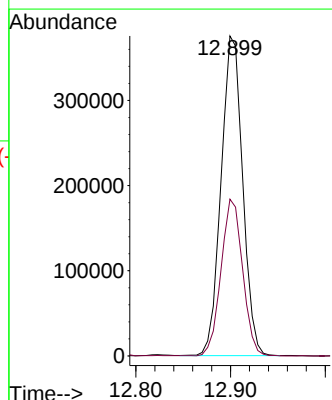
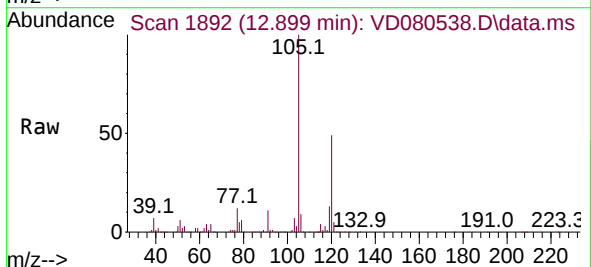
Manual Integrations
APPROVED

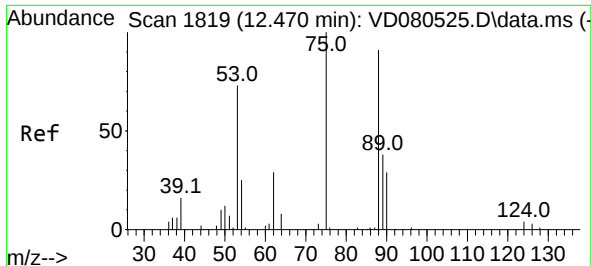
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.217 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion:105 Resp: 593167
Ion Ratio Lower Upper
105 100
120 49.1 24.6 74.0





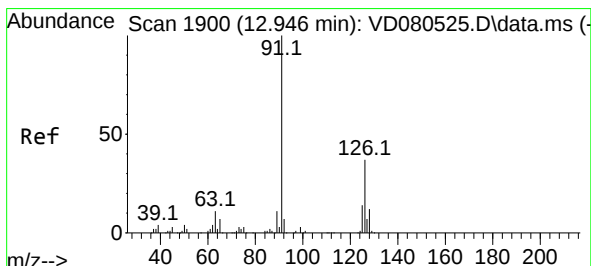
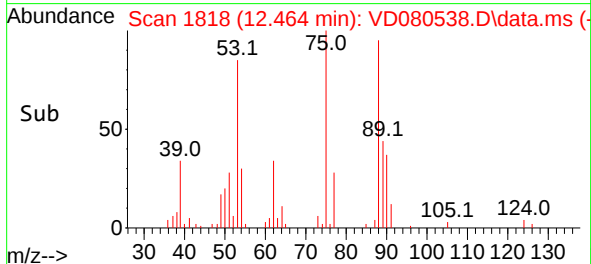
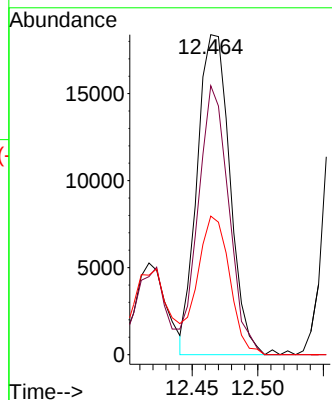
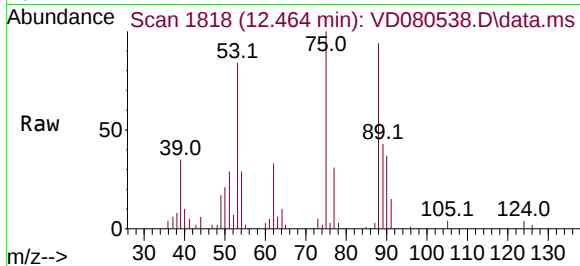
#81
trans-1,4-Dichloro-2-butene
Concen: 46.211 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 31906
Ion Ratio Lower Upper
75 100
53 79.5 62.8 94.2
89 42.6 36.6 54.8

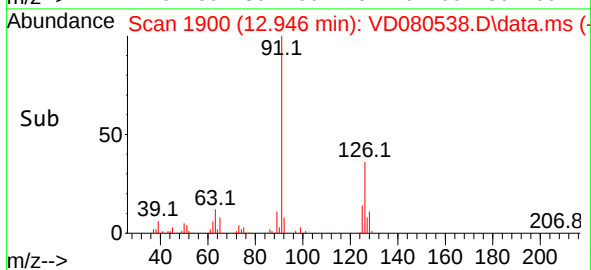
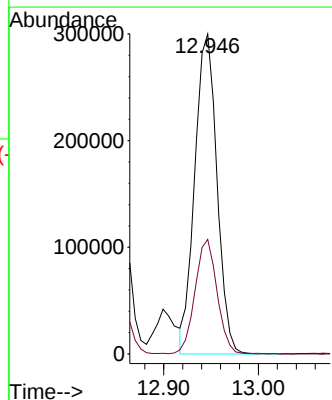
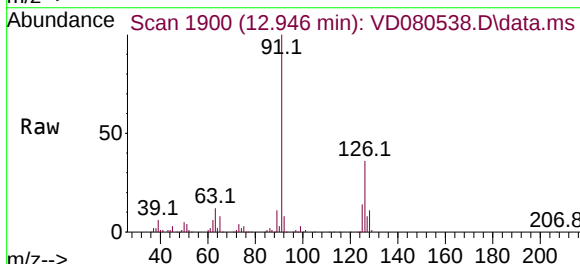
Manual Integrations
APPROVED

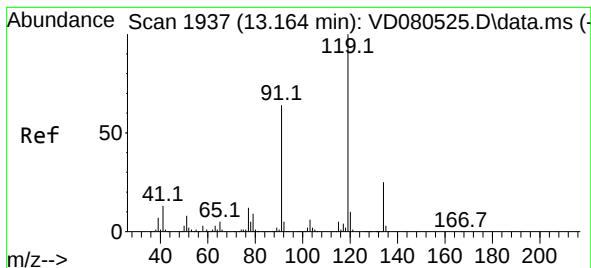
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 50.639 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion: 91 Resp: 488248
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2





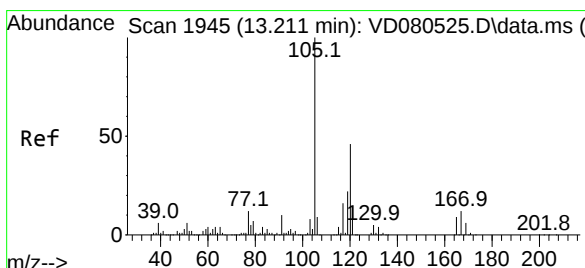
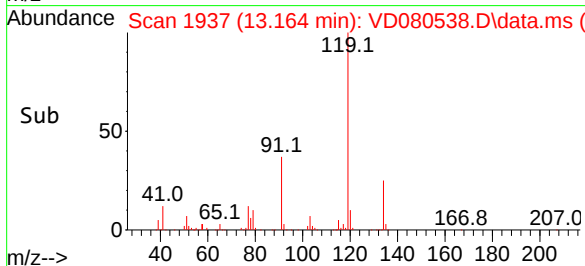
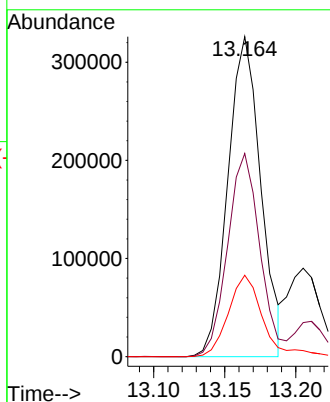
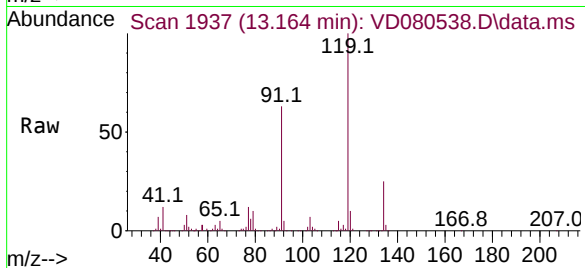
#83
tert-Butylbenzene
Concen: 51.411 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 525131
Ion Ratio Lower Upper
119 100
91 62.7 30.4 91.3
134 26.6 13.1 39.3

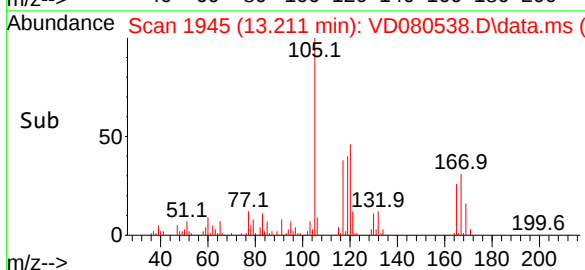
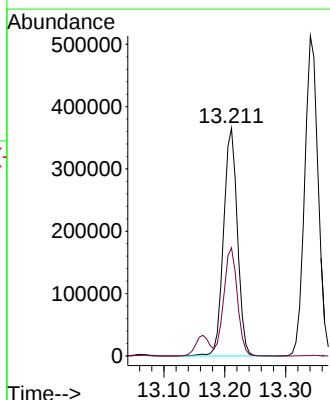
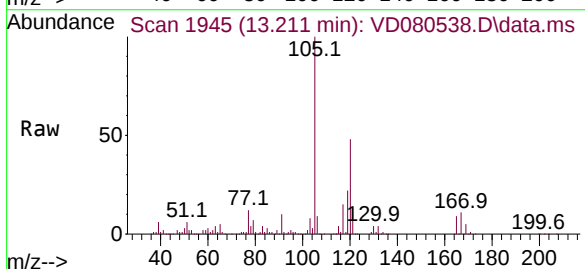
Manual Integrations
APPROVED

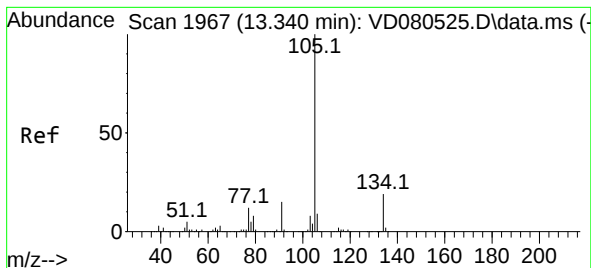
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.548 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion:105 Resp: 576181
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.142 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 788505

Ion Ratio Lower Upper

105 100

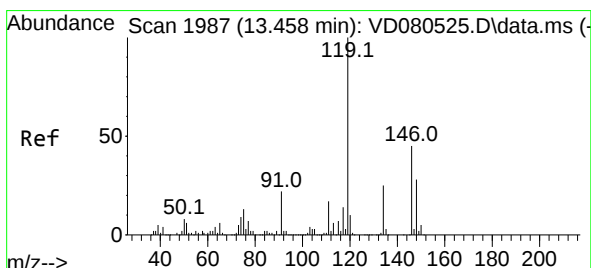
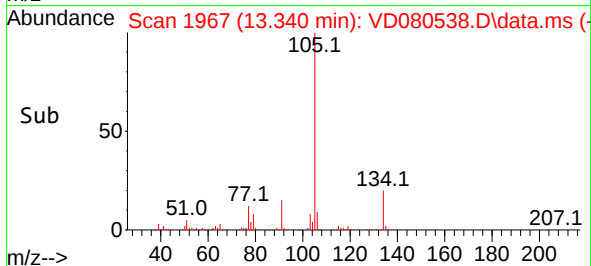
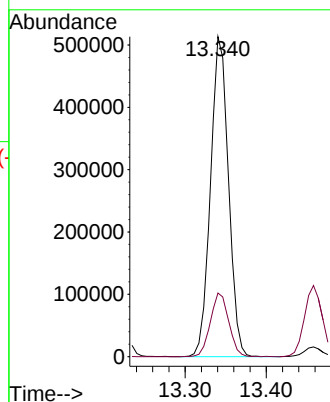
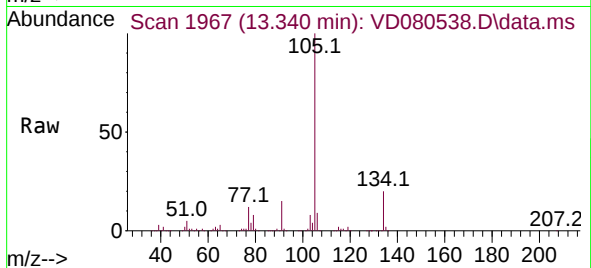
134 20.3 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#86

p-Isopropyltoluene

Concen: 52.717 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

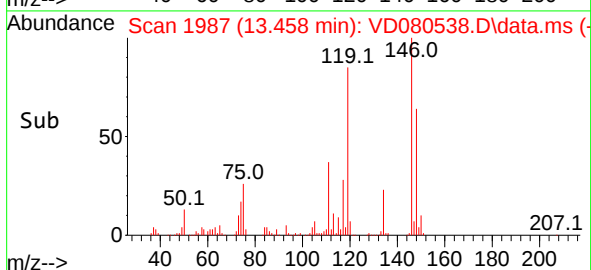
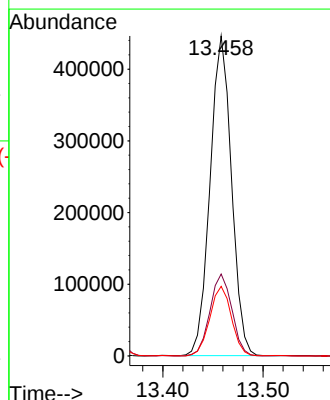
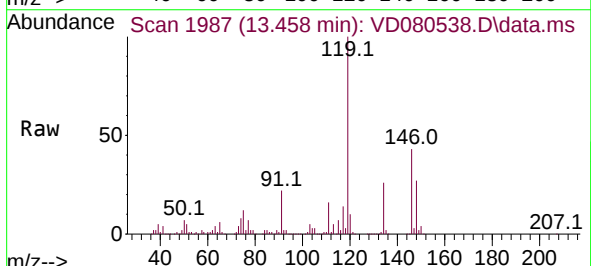
Tgt Ion:119 Resp: 661096

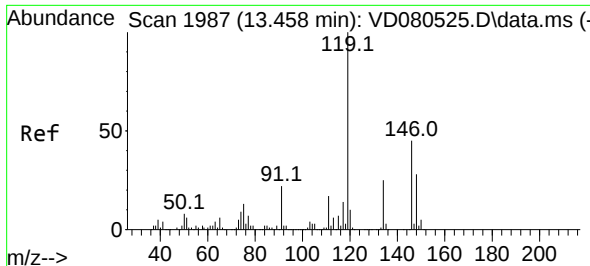
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

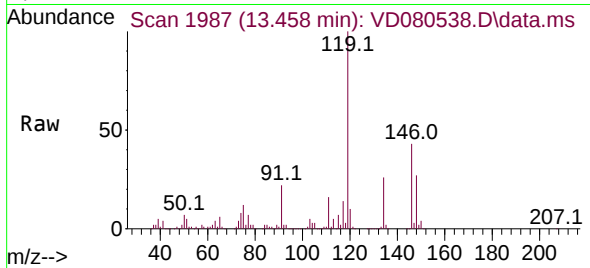
91 21.9 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 52.238 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

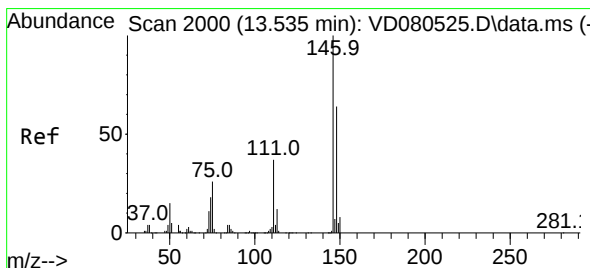
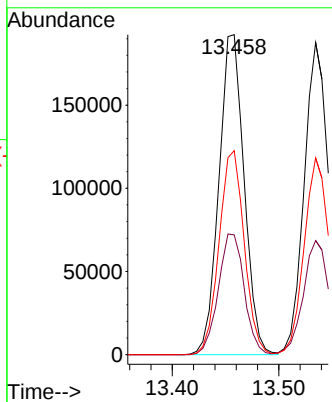
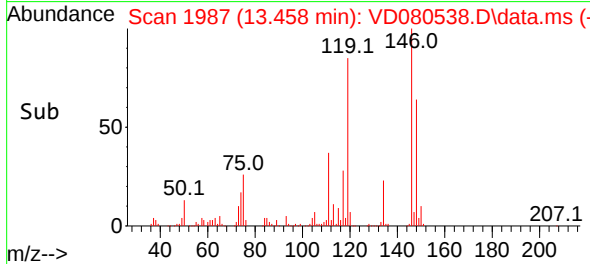
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



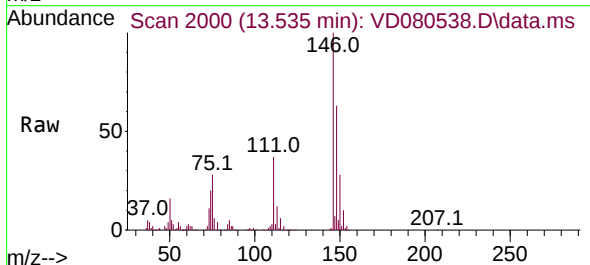
Tgt Ion:146 Resp: 316570
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.6 31.4 94.0

Manual Integrations
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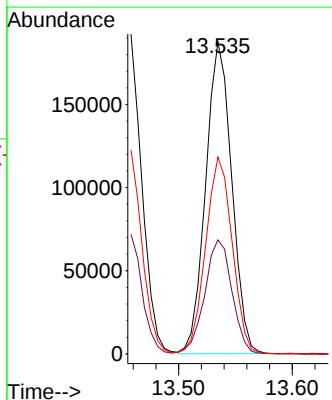
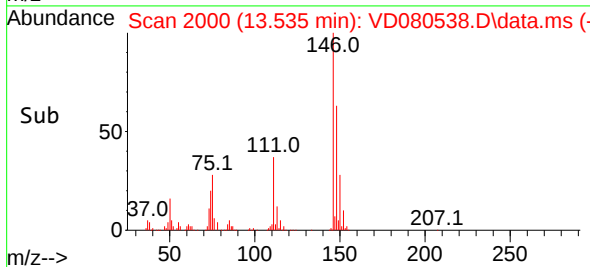
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

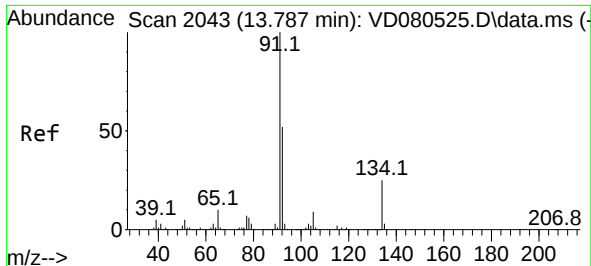


#88
1,4-Dichlorobenzene
Concen: 50.484 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06



Tgt Ion:146 Resp: 299164
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.9
148 64.4 32.1 96.5





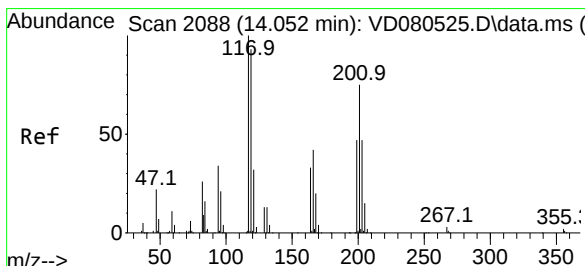
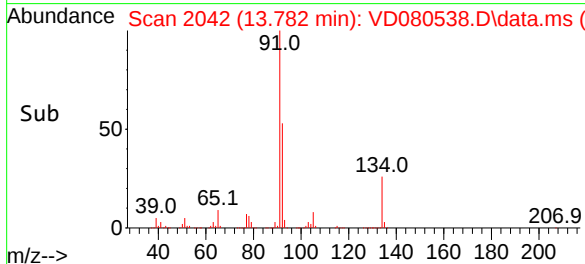
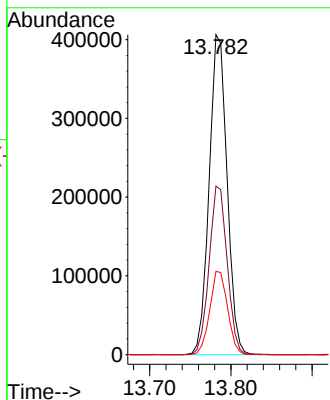
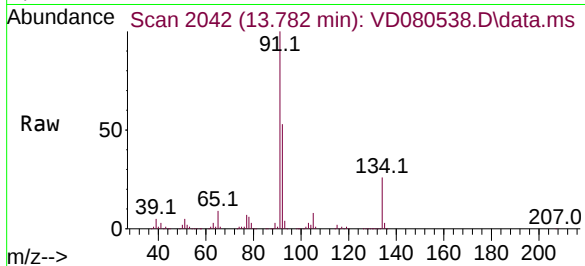
#89
n-Butylbenzene
Concen: 52.105 ug/l
RT: 13.782 min Scan# 2043
Delta R.T. -0.006 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 623085
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.9 12.6 37.8

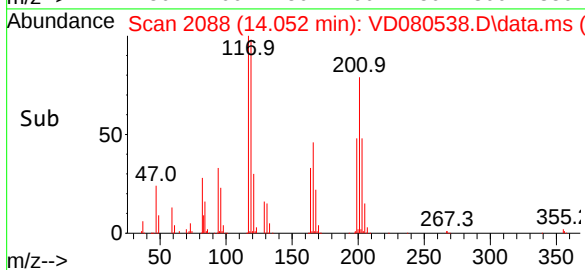
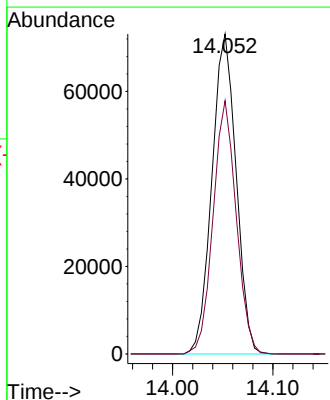
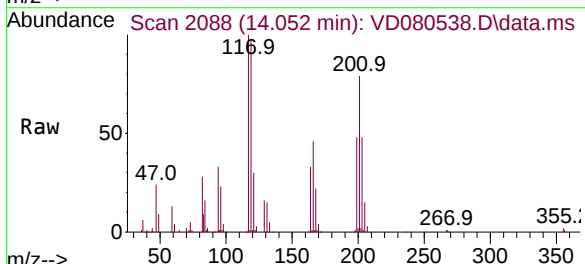
Manual Integrations
APPROVED

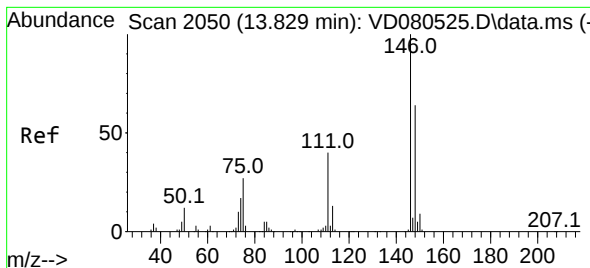
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#90
Hexachloroethane
Concen: 50.225 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion:117 Resp: 122865
Ion Ratio Lower Upper
117 100
201 75.6 36.7 110.1





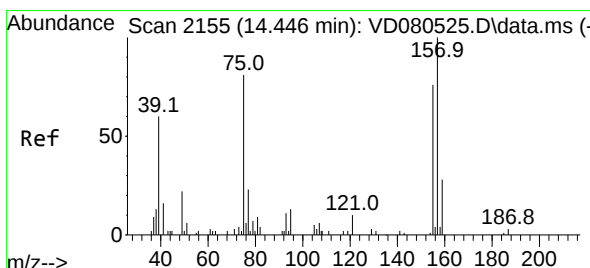
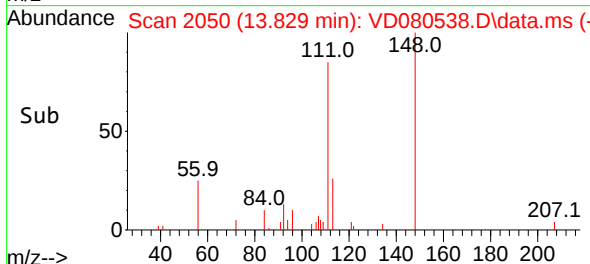
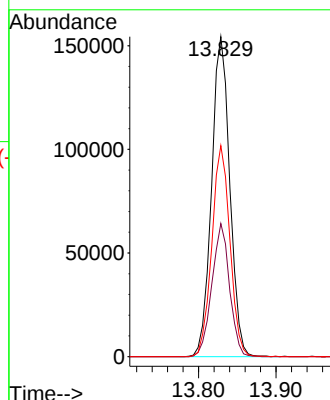
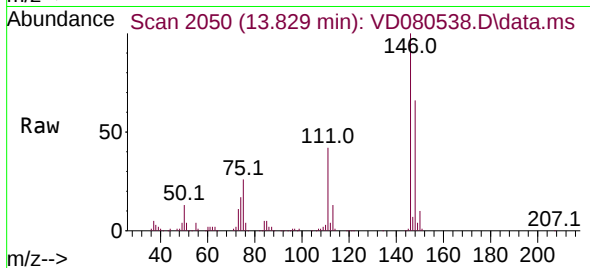
#91
1,2-Dichlorobenzene
Concen: 50.296 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 25190
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 65.4 32.2 96.6

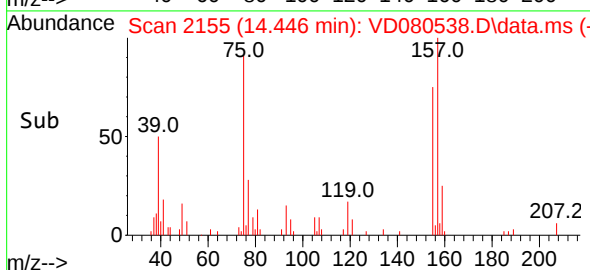
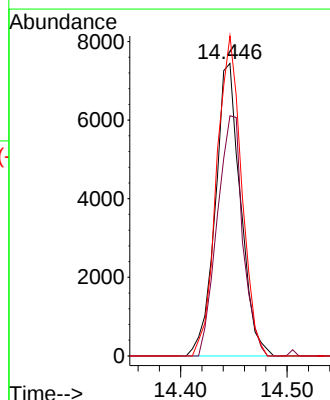
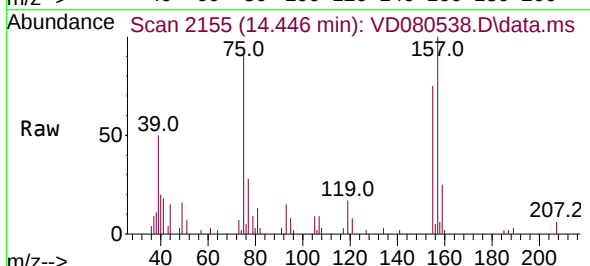
Manual Integrations
APPROVED

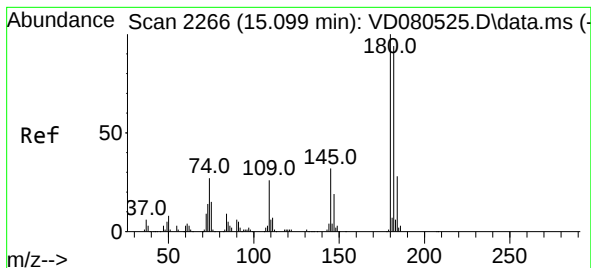
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.489 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VD080538.D
Acq: 18 Nov 2025 14:06

Tgt Ion: 75 Resp: 12280
Ion Ratio Lower Upper
75 100
155 82.9 46.4 139.2
157 107.9 59.6 178.7





#93

1,2,4-Trichlorobenzene

Concen: 50.287 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

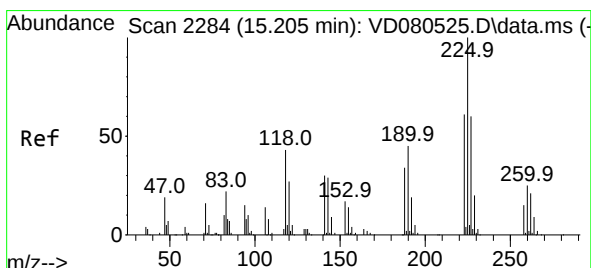
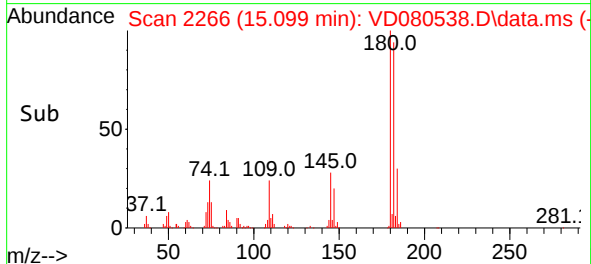
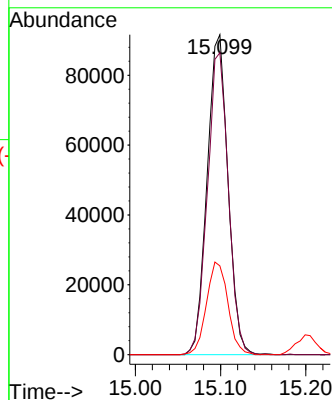
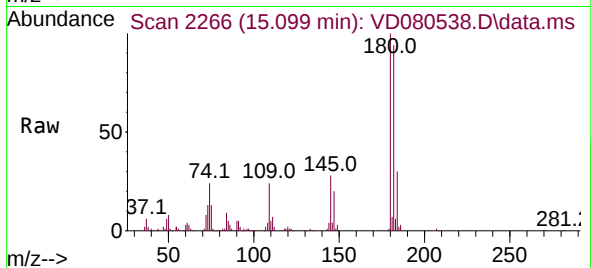
Tgt Ion:180	Resp: 155532
Ion Ratio	Lower Upper
180 100	
182 94.9	47.1 141.4
145 29.8	14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#94

Hexachlorobutadiene

Concen: 52.228 ug/l

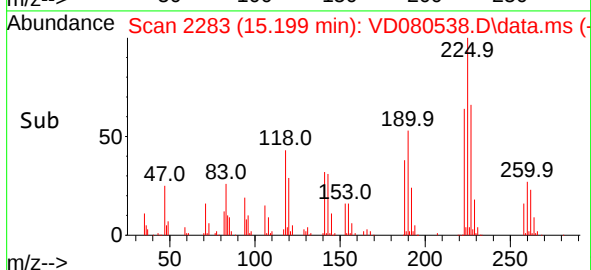
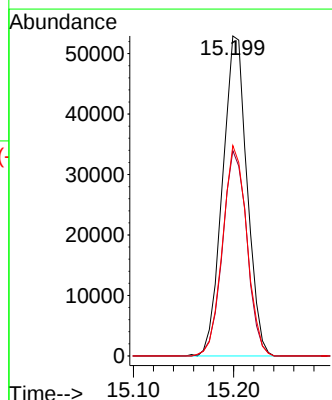
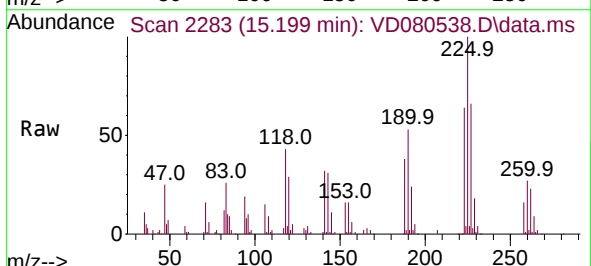
RT: 15.199 min Scan# 2283

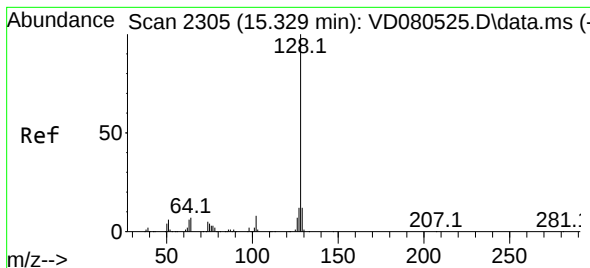
Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Tgt Ion:225	Resp: 89947
Ion Ratio	Lower Upper
225 100	
223 63.5	31.4 94.0
227 64.9	31.9 95.5





#95

Naphthalene

Concen: 48.152 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

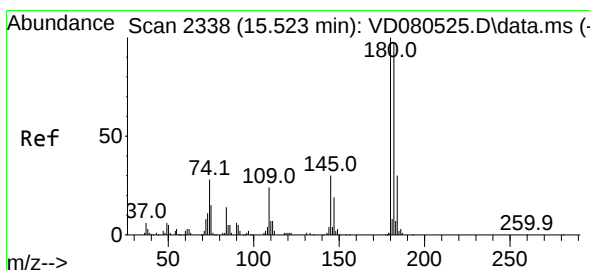
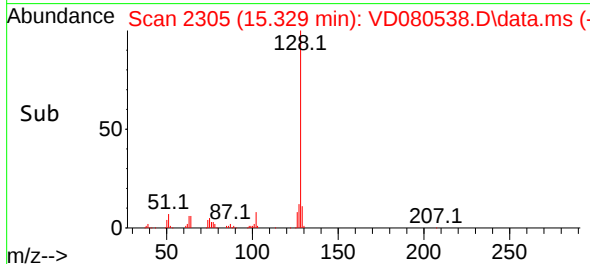
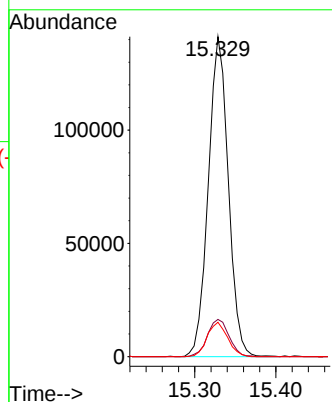
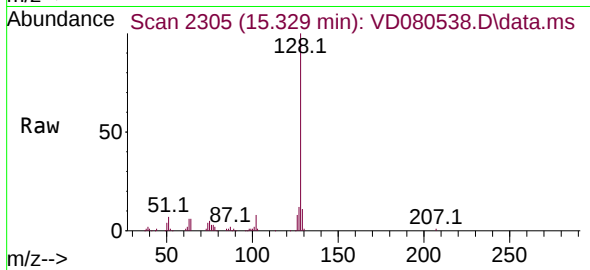
Tgt Ion:128	Resp: 24235
Ion Ratio	Lower Upper
128 100	
127 11.6	9.8 14.6
129 10.7	9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.493 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.006 min

Lab File: VD080538.D

Acq: 18 Nov 2025 14:06

Tgt Ion:180	Resp: 121507
Ion Ratio	Lower Upper
180 100	
182 95.9	48.4 145.2
145 30.9	15.9 47.6

