

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080543.D
 Acq On : 19 Nov 2025 10:45
 Operator : RP/MD
 Sample : VD1119SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 04:05:09 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

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	275503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	448356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	376583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	172196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	103278	44.646	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.300%		
35) Dibromofluoromethane	7.806	113	121262	45.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.880%		
50) Toluene-d8	10.270	98	494282	46.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.580%		
62) 4-Bromofluorobenzene	12.570	95	139372	45.400	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	39458	19.218	ug/l	98
3) Chloromethane	2.147	50	61550	18.568	ug/l	100
4) Vinyl Chloride	2.288	62	76810	19.557	ug/l	98
5) Bromomethane	2.694	94	58299	20.019	ug/l	98
6) Chloroethane	2.841	64	53721	19.925	ug/l	98
7) Trichlorofluoromethane	3.182	101	89480	20.020	ug/l	91
8) Diethyl Ether	3.594	74	21813	17.709	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	55279	19.570	ug/l	99
10) Methyl Iodide	4.170	142	67948	18.709	ug/l	98
11) Tert butyl alcohol	5.047	59	12635	117.279	ug/l #	83
12) 1,1-Dichloroethene	3.947	96	56889	19.136	ug/l	91
13) Acrolein	3.800	56	16993	90.670	ug/l	100
14) Allyl chloride	4.564	41	80469	17.334	ug/l	94
15) Acrylonitrile	5.259	53	43944	88.385	ug/l	99
16) Acetone	4.017	43	29248	86.484	ug/l	100
17) Carbon Disulfide	4.282	76	176584	18.459	ug/l	100
18) Methyl Acetate	4.564	43	17313	16.646	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	96138	18.243	ug/l	96
20) Methylene Chloride	4.800	84	69842	20.457	ug/l	97
21) trans-1,2-Dichloroethene	5.323	96	62879	18.967	ug/l	96
22) Diisopropyl ether	6.211	45	150317	17.918	ug/l	95
23) Vinyl Acetate	6.159	43	377746	86.470	ug/l	99
24) 1,1-Dichloroethane	6.117	63	105796	18.445	ug/l	98
25) 2-Butanone	7.082	43	44960	84.787	ug/l	93
26) 2,2-Dichloropropane	7.082	77	94278	19.112	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	72701	18.822	ug/l	98
28) Bromochloromethane	7.429	49	38410	18.298	ug/l	95
29) Tetrahydrofuran	7.441	42	29185	82.612	ug/l	94
30) Chloroform	7.600	83	106077	18.859	ug/l	94
31) Cyclohexane	7.876	56	100467	18.285	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	99451	20.127	ug/l	100
36) 1,1-Dichloropropene	8.011	75	82542	20.229	ug/l	96
37) Ethyl Acetate	7.164	43	24260	19.656	ug/l	98
38) Carbon Tetrachloride	7.994	117	86240	21.032	ug/l	97
39) Methylcyclohexane	9.276	83	104884	19.482	ug/l	97
40) Benzene	8.253	78	244312	19.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	13089	16.234	ug/l	98
42) 1,2-Dichloroethane	8.329	62	52303	19.835	ug/l	97
43) Isopropyl Acetate	8.364	43	42575	17.586	ug/l #	82
44) Trichloroethene	9.029	130	63080	19.750	ug/l	91
45) 1,2-Dichloropropane	9.305	63	56695	19.599	ug/l	99
46) Dibromomethane	9.394	93	27331	19.154	ug/l	96
47) Bromodichloromethane	9.588	83	77928	20.223	ug/l	99
48) Methyl methacrylate	9.382	41	22768	18.945	ug/l	95
49) 1,4-Dioxane	9.382	88	4959	372.831	ug/l #	88
51) 4-Methyl-2-Pentanone	10.158	43	102108	90.898	ug/l	100
52) Toluene	10.335	92	157481	19.709	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	65382	19.147	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	83176	18.887	ug/l	93
55) 1,1,2-Trichloroethane	10.735	97	33911	18.578	ug/l	95
56) Ethyl methacrylate	10.594	69	39260	18.640	ug/l	97
57) 1,3-Dichloropropane	10.876	76	61879	19.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	112844	95.487	ug/l	97
59) 2-Hexanone	10.923	43	71460	91.000	ug/l	97
60) Dibromochloromethane	11.070	129	47160	19.443	ug/l	99
61) 1,2-Dibromoethane	11.176	107	34269	19.518	ug/l	98
64) Tetrachloroethene	10.811	164	54208	20.012	ug/l	98
65) Chlorobenzene	11.605	112	167512	19.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	51414	19.604	ug/l	98
67) Ethyl Benzene	11.682	91	297675	19.584	ug/l	96
68) m/p-Xylenes	11.794	106	234028	40.260	ug/l	97
69) o-Xylene	12.117	106	104431	19.431	ug/l	98
70) Styrene	12.135	104	173691	19.581	ug/l	99
71) Bromoform	12.299	173	24918	20.339	ug/l #	97
73) Isopropylbenzene	12.417	105	283068	19.366	ug/l	99
74) N-amyl acetate	12.229	43	38687	17.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	34239	18.677	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	24890m	18.558	ug/l	
77) Bromobenzene	12.699	156	60564	19.520	ug/l	98
78) n-propylbenzene	12.758	91	343395	19.583	ug/l	100
79) 2-Chlorotoluene	12.846	91	182541	18.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	223898	19.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	12504	17.804	ug/l	96
82) 4-Chlorotoluene	12.946	91	187029	19.070	ug/l	98
83) tert-Butylbenzene	13.164	119	202239	19.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	219743	19.327	ug/l	99
85) sec-Butylbenzene	13.341	105	305818	19.881	ug/l	99
86) p-Isopropyltoluene	13.458	119	253193	19.849	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	118768	19.267	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	116711	19.362	ug/l	99
89) n-Butylbenzene	13.782	91	235807	19.386	ug/l	99
90) Hexachloroethane	14.052	117	47049	18.908	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	97661	19.170	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4611	18.268	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	60594	19.260	ug/l	98
94) Hexachlorobutadiene	15.199	225	35738	20.401	ug/l	97
95) Naphthalene	15.329	128	93727	18.307	ug/l	98
96) 1,2,3-Trichlorobenzene	15.523	180	48111	18.877	ug/l	99

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VD1119SBSD01

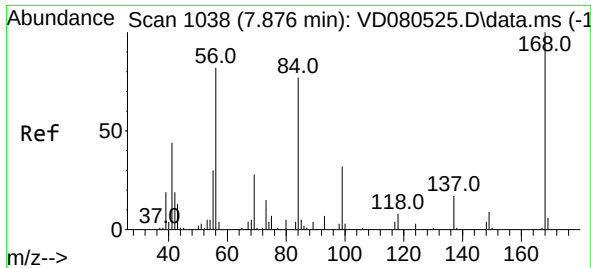
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

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Quant Title : SW846 8260
QLast Update : Tue Nov 18 00:45:54 2025
Response via : Initial Calibration

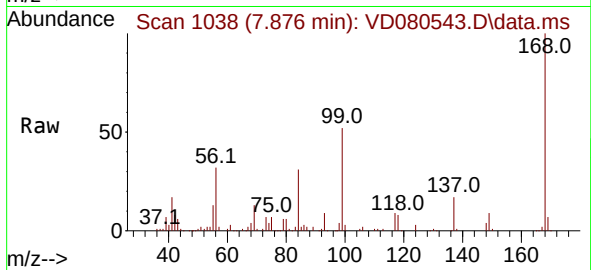
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080543.D
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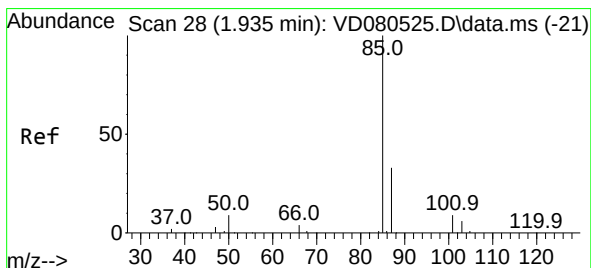
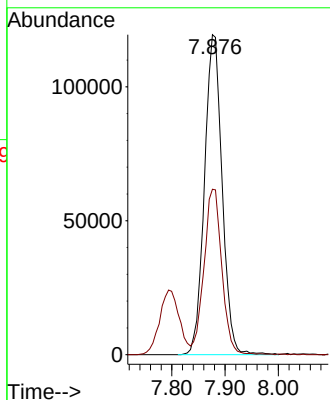
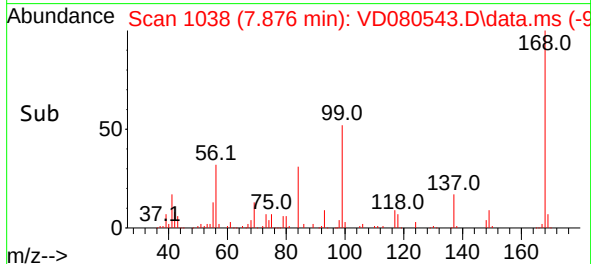
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion:168 Resp: 27550
Ion Ratio Lower Upper
168 100
99 51.5 42.5 63.7

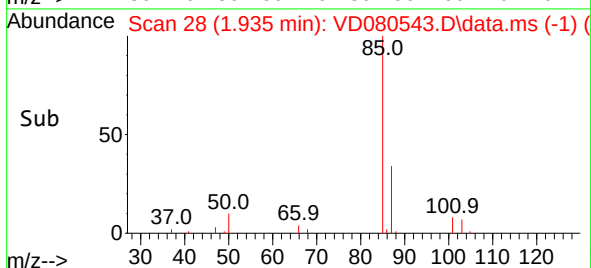
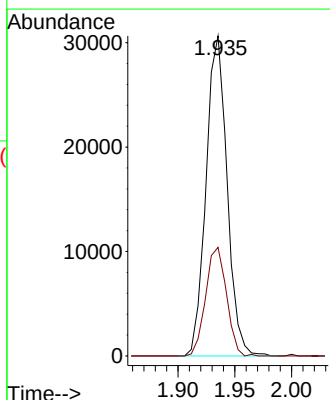
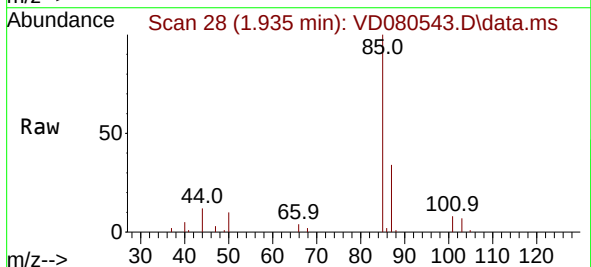
Manual Integrations
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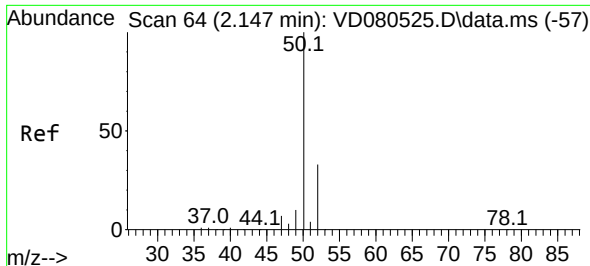
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#2
Dichlorodifluoromethane
Concen: 19.218 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

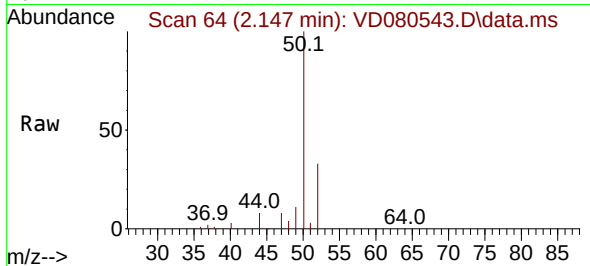
Tgt Ion: 85 Resp: 39458
Ion Ratio Lower Upper
85 100
87 33.9 16.5 49.5





#3
Chloromethane
Concen: 18.568 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

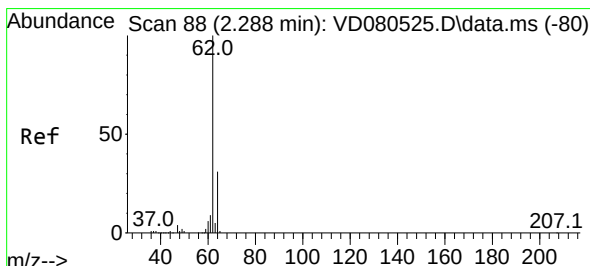
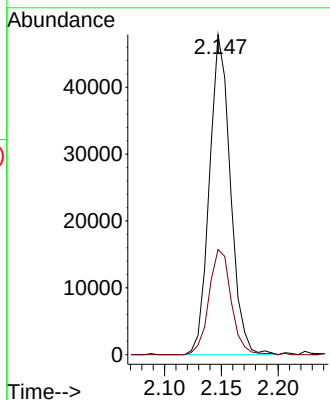
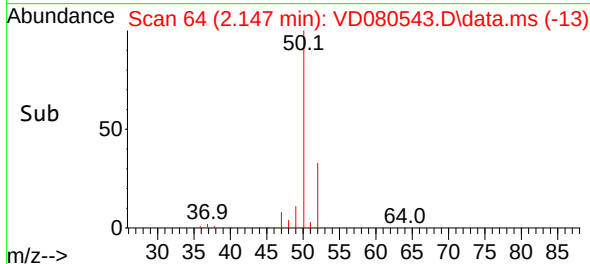
Instrument :
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ClientSampleId :
VD1119SBSD01



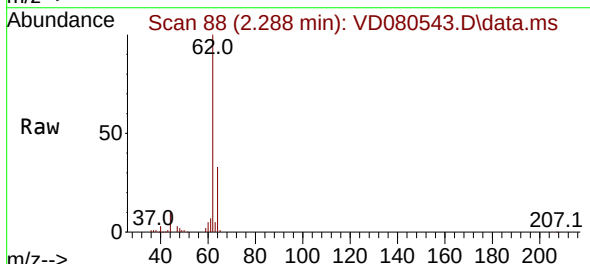
Tgt Ion: 50 Resp: 61550
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

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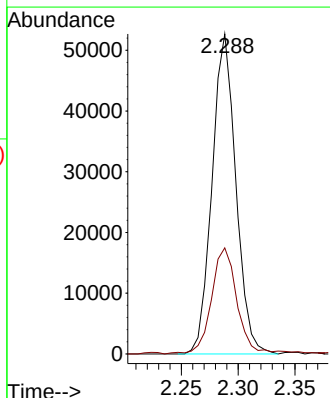
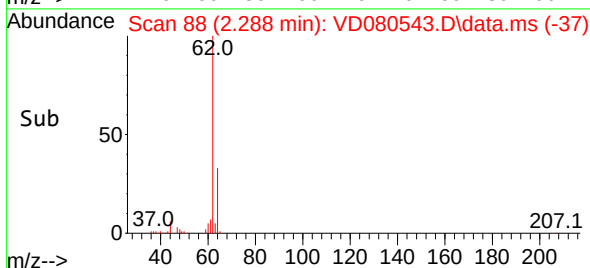
Reviewed By :Amit Patel 11/20/2025
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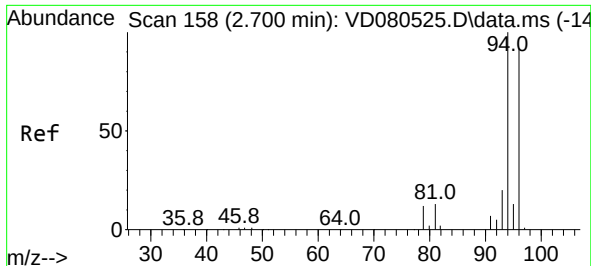


#4
Vinyl Chloride
Concen: 19.557 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



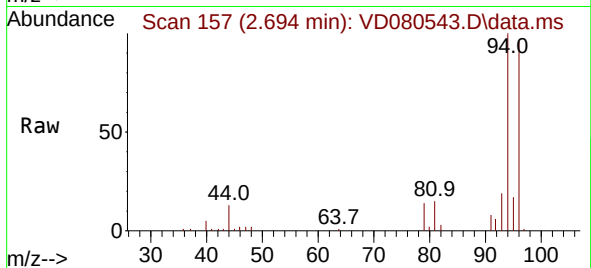
Tgt Ion: 62 Resp: 76810
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 20.019 ug/l
RT: 2.694 min Scan# 157
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

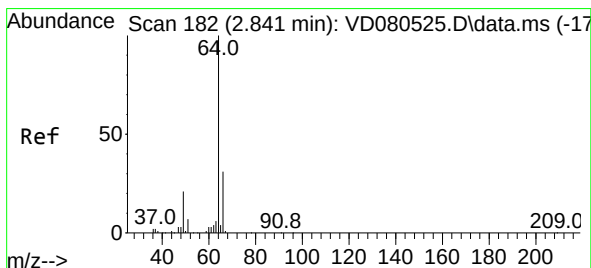
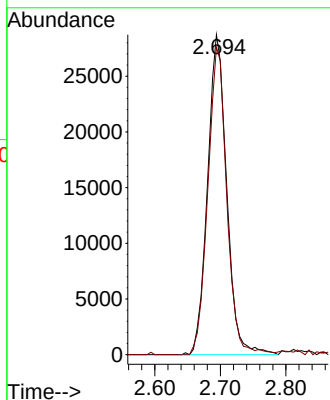
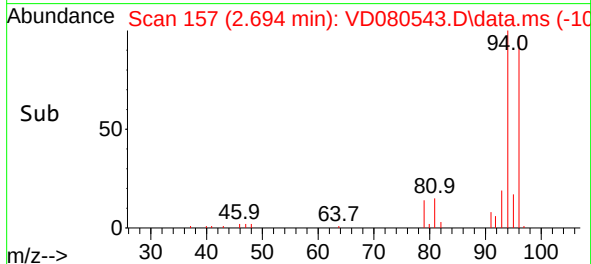
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 58299
Ion Ratio Lower Upper
94 100
96 95.0 74.6 112.0

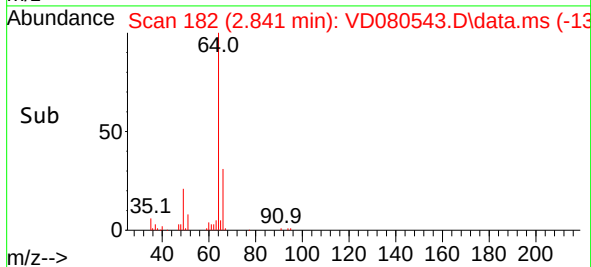
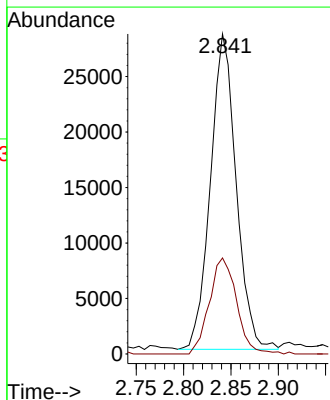
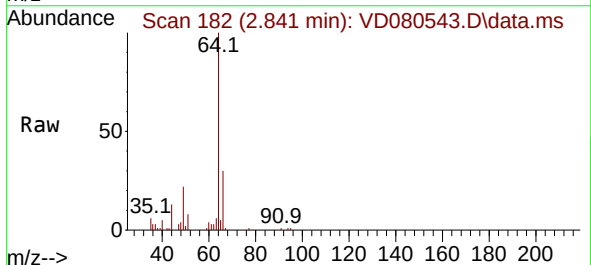
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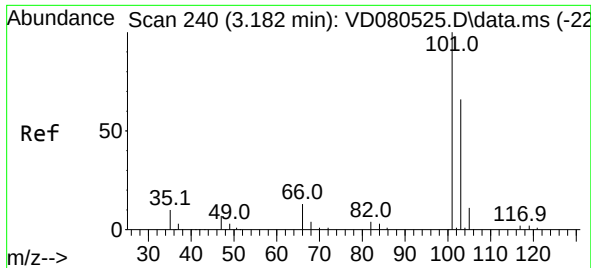
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#6
Chloroethane
Concen: 19.925 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

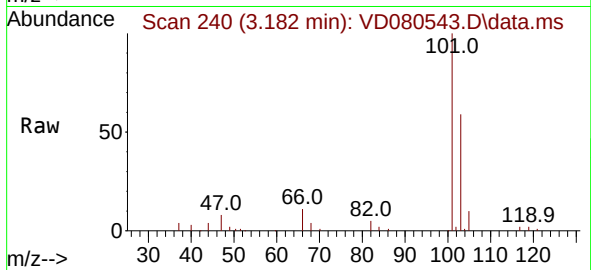
Tgt Ion: 64 Resp: 53721
Ion Ratio Lower Upper
64 100
66 30.5 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 20.020 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

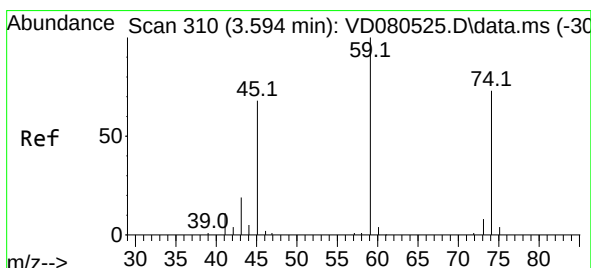
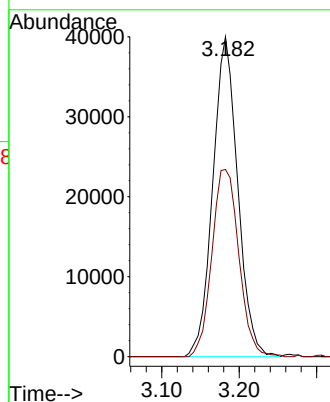
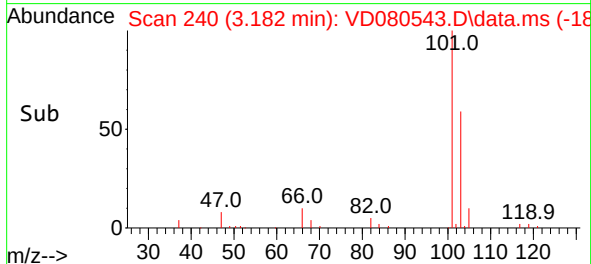
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01



Tgt Ion:101 Resp: 89480
 Ion Ratio Lower Upper
 101 100
 103 58.5 52.6 78.8

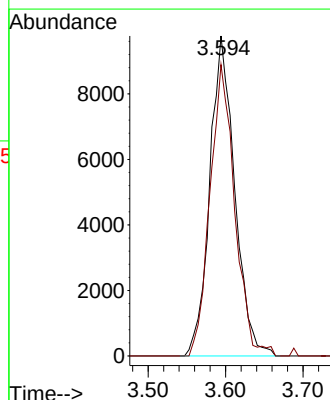
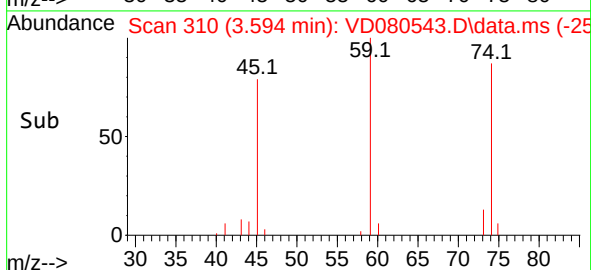
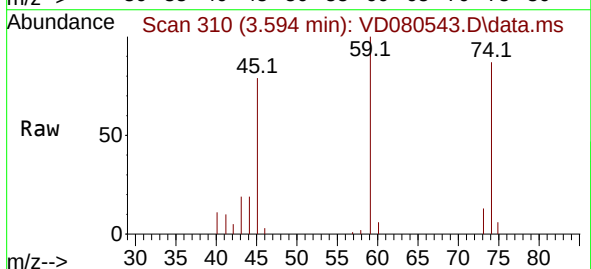
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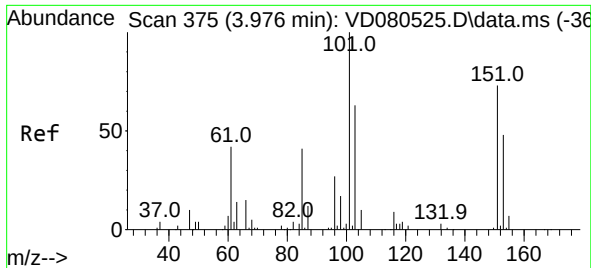
Reviewed By :Amit Patel 11/20/2025
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#8
 Diethyl Ether
 Concen: 17.709 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion: 74 Resp: 21813
 Ion Ratio Lower Upper
 74 100
 45 90.5 46.9 140.7





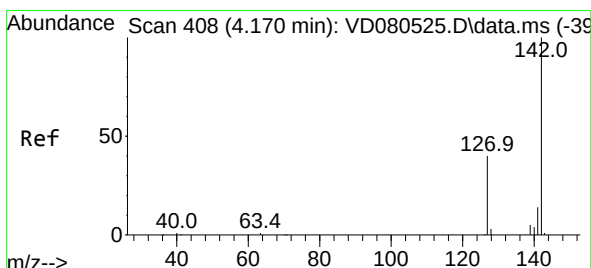
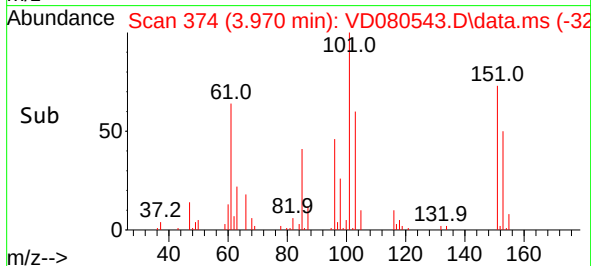
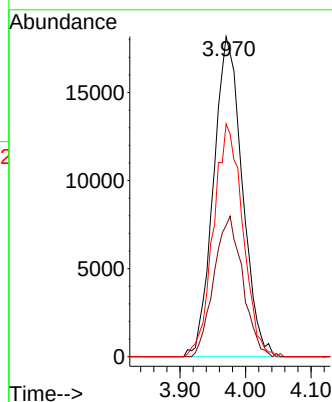
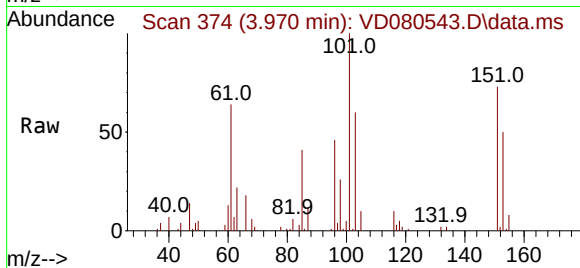
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.570 ug/l
RT: 3.970 min Scan# 375
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

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MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:101 Resp: 55279
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 74.2 59.6 89.4

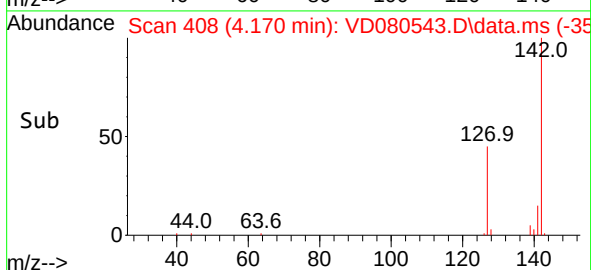
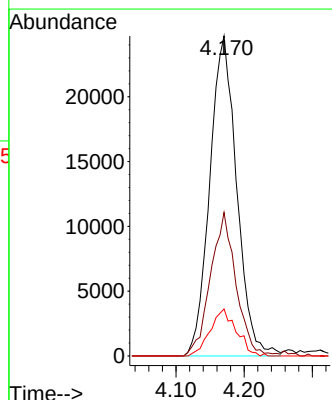
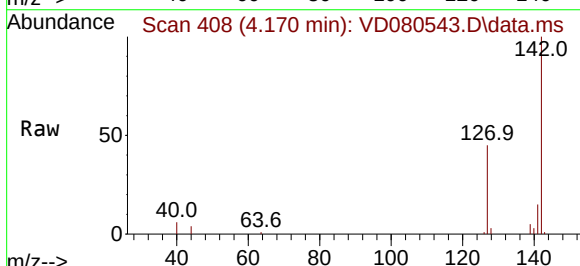
Manual Integrations
APPROVED

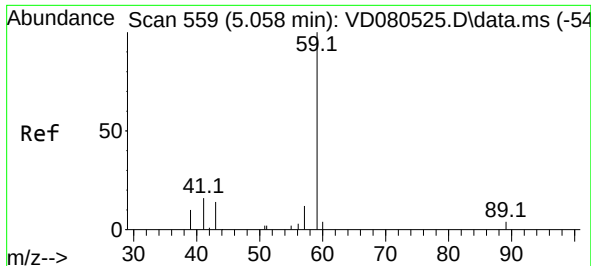
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#10
Methyl Iodide
Concen: 18.709 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

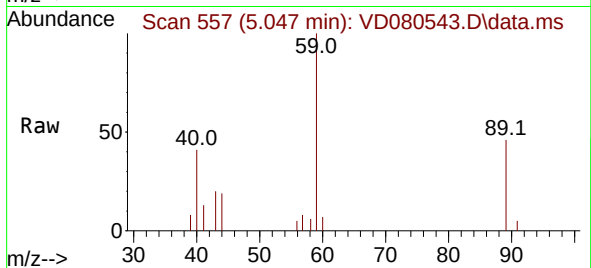
Tgt Ion:142 Resp: 67948
Ion Ratio Lower Upper
142 100
127 42.4 32.6 49.0
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 117.279 ug/l
RT: 5.047 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

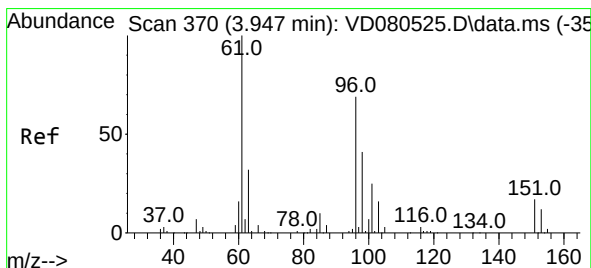
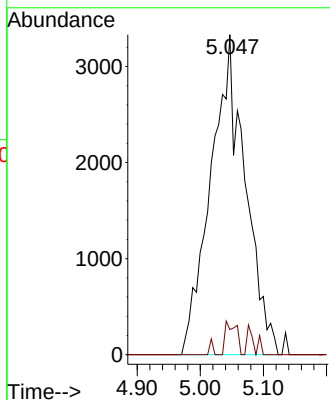
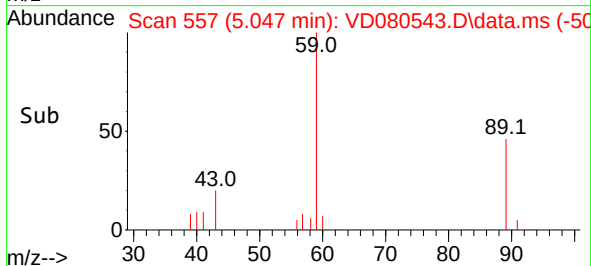
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 59 Resp: 12635
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

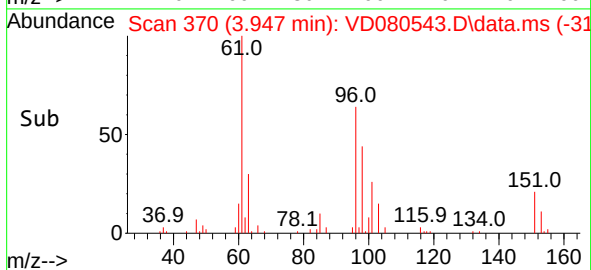
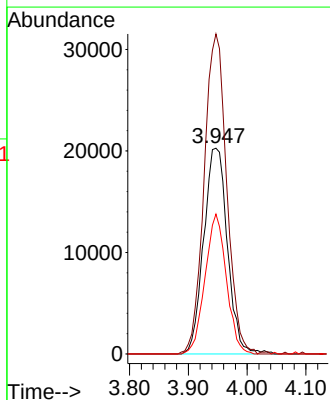
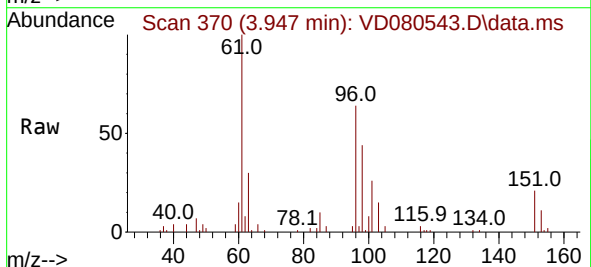
Manual Integrations
APPROVED

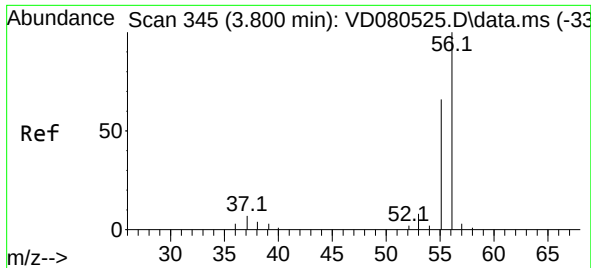
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#12
1,1-Dichloroethene
Concen: 19.136 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

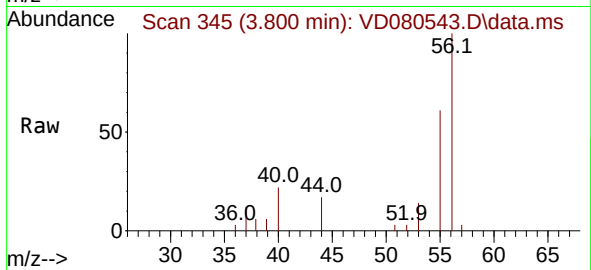
Tgt Ion: 96 Resp: 56889
Ion Ratio Lower Upper
96 100
61 155.5 116.2 174.2
98 68.0 47.6 71.4





#13
Acrolein
Concen: 90.670 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

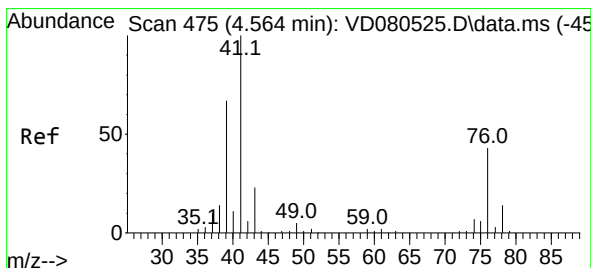
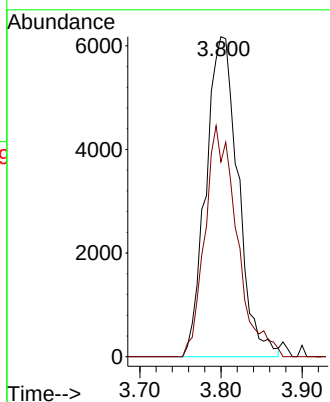
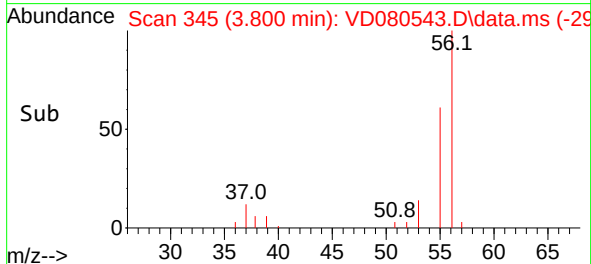
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



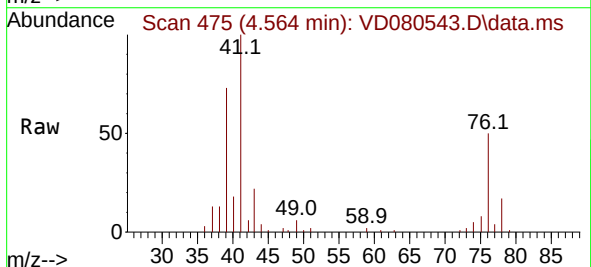
Tgt Ion: 56 Resp: 1699
Ion Ratio Lower Upper
56 100
55 71.7 57.2 85.8

Manual Integrations
APPROVED

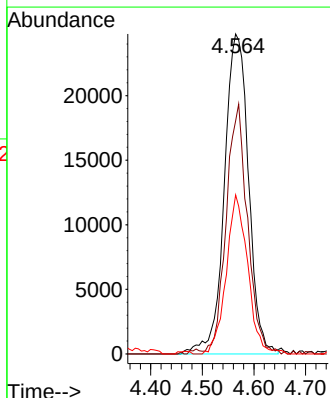
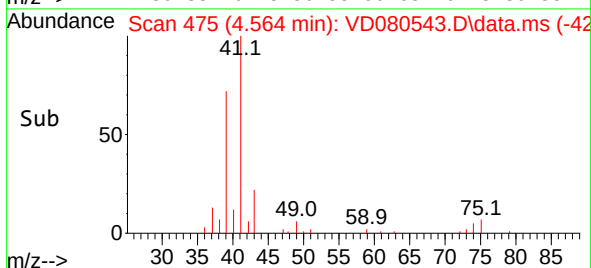
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

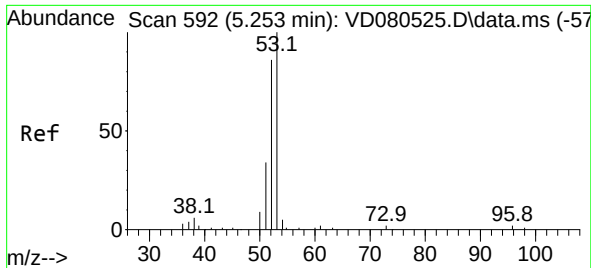


#14
Allyl chloride
Concen: 17.334 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



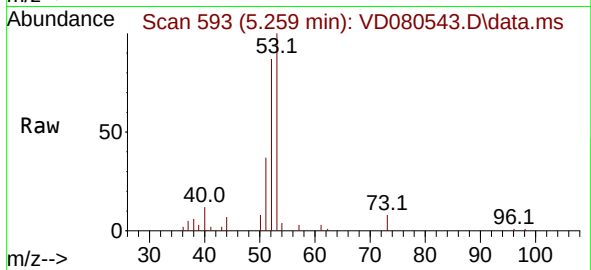
Tgt Ion: 41 Resp: 80469
Ion Ratio Lower Upper
41 100
39 68.9 51.4 77.2
76 44.3 32.6 48.8





#15
Acrylonitrile
Concen: 88.385 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

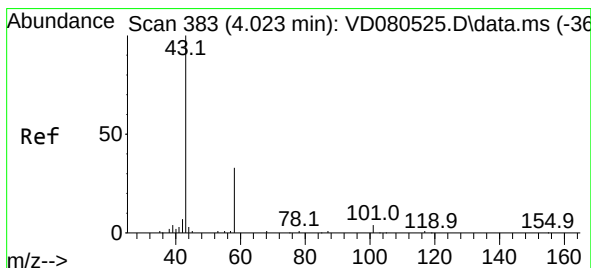
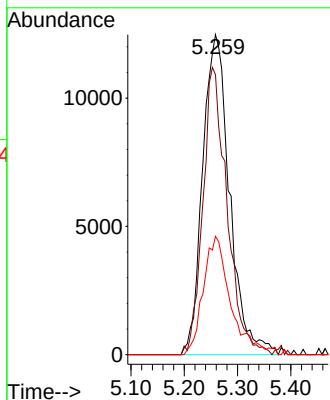
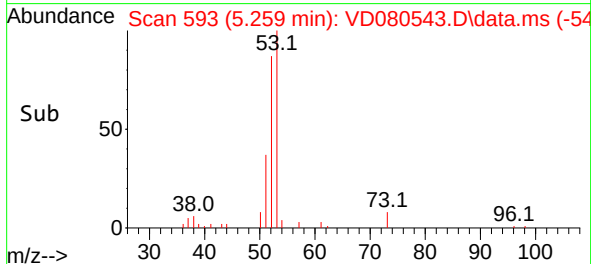
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion: 53 Resp: 43944
Ion Ratio Lower Upper
53 100
52 80.5 64.9 97.3
51 36.8 28.8 43.2

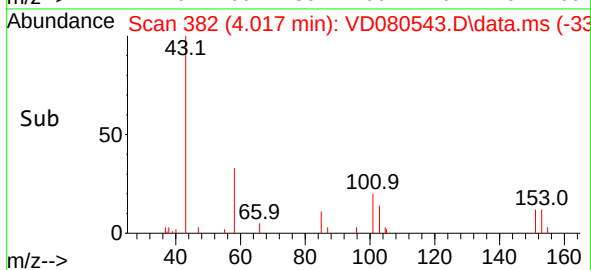
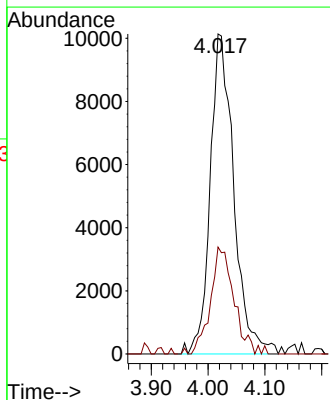
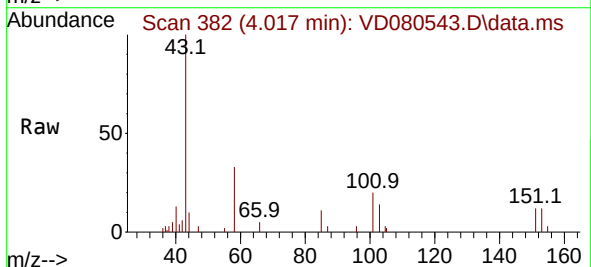
Manual Integrations
APPROVED

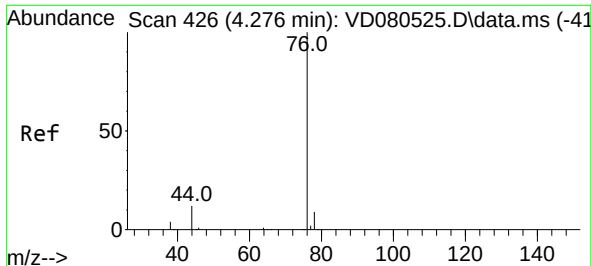
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#16
Acetone
Concen: 86.484 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion: 43 Resp: 29248
Ion Ratio Lower Upper
43 100
58 33.4 26.6 40.0





#17

Carbon Disulfide

Concen: 18.459 ug/l

RT: 4.282 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 76 Resp: 176584

Ion Ratio Lower Upper

76 100

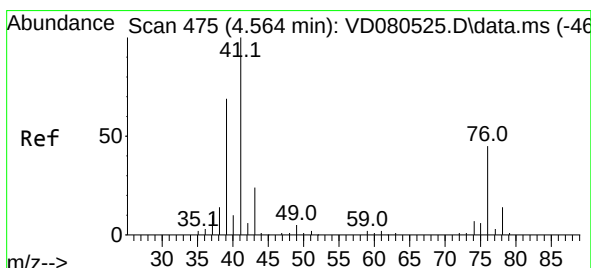
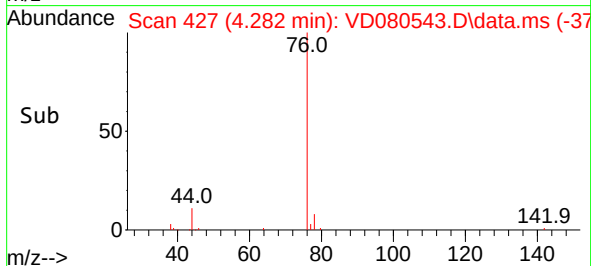
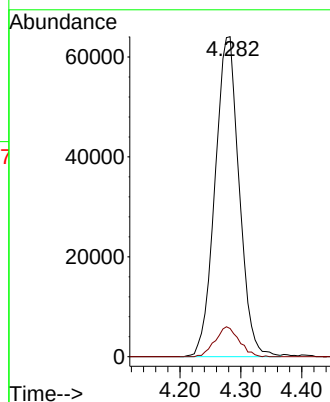
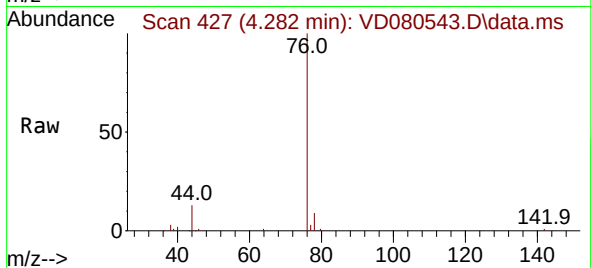
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#18

Methyl Acetate

Concen: 16.646 ug/l

RT: 4.564 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080543.D

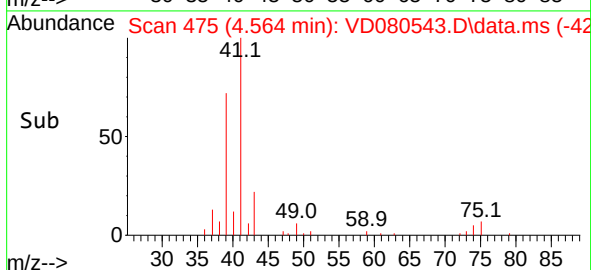
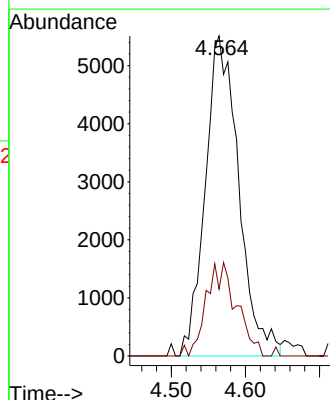
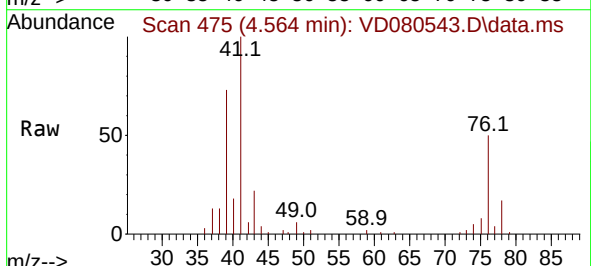
Acq: 19 Nov 2025 10:45

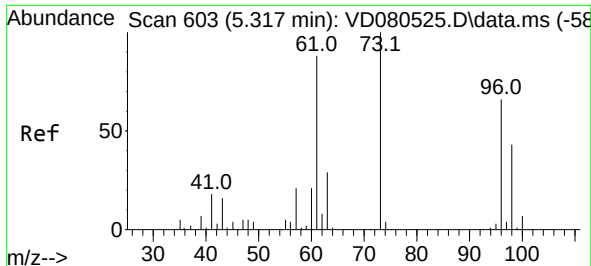
Tgt Ion: 43 Resp: 17313

Ion Ratio Lower Upper

43 100

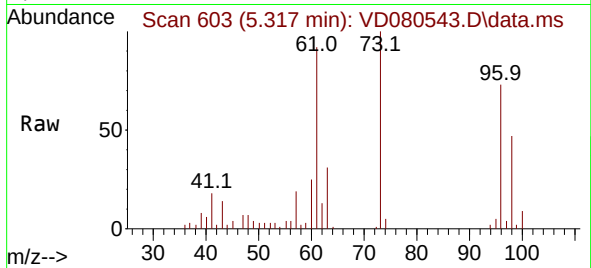
74 26.4 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 18.243 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

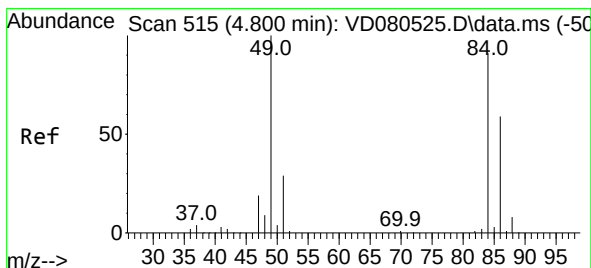
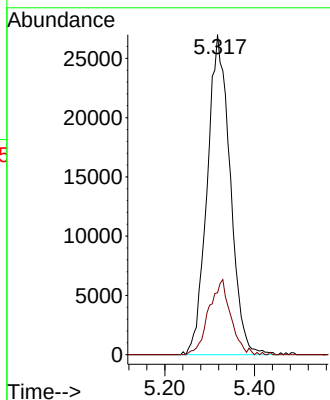
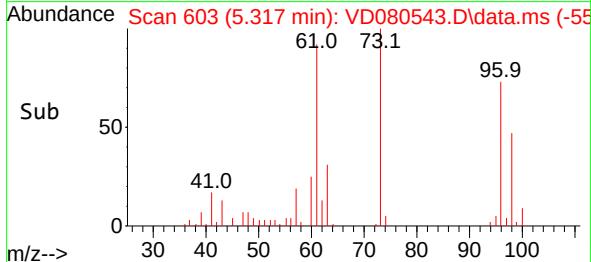
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion: 73 Resp: 96138
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7

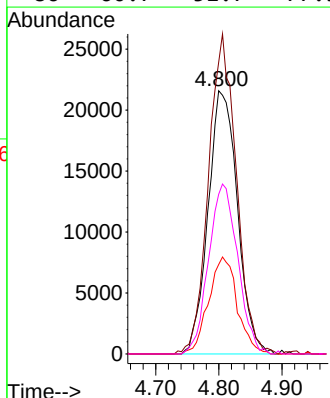
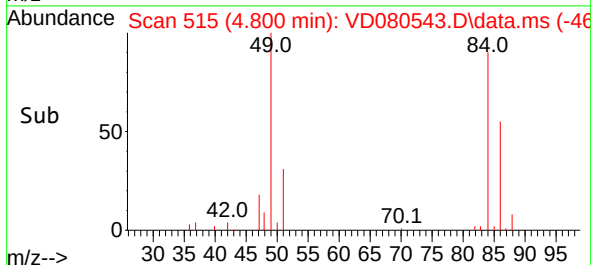
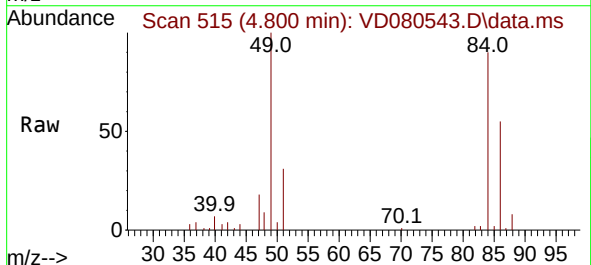
Manual Integrations
APPROVED

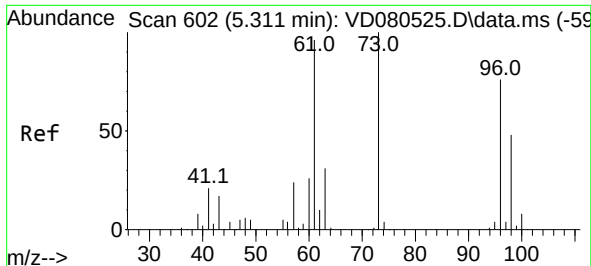
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#20
Methylene Chloride
Concen: 20.457 ug/l
RT: 4.800 min Scan# 515
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

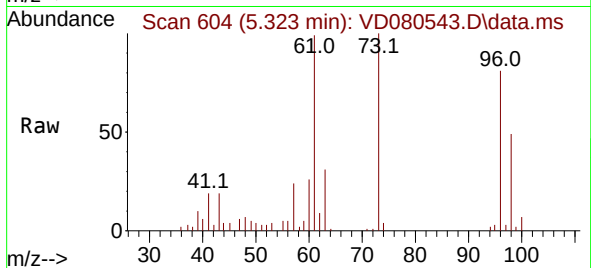
Tgt Ion: 84 Resp: 69842
Ion Ratio Lower Upper
84 100
49 110.8 87.9 131.9
51 34.0 25.4 38.2
86 60.7 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 18.967 ug/l
RT: 5.323 min Scan# 602
Delta R.T. 0.012 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

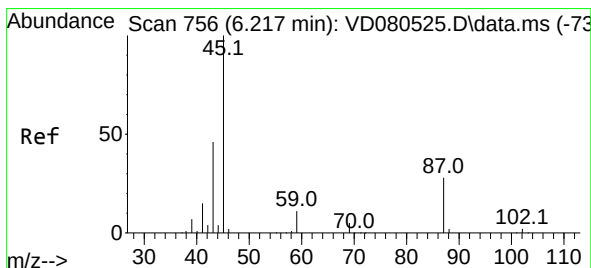
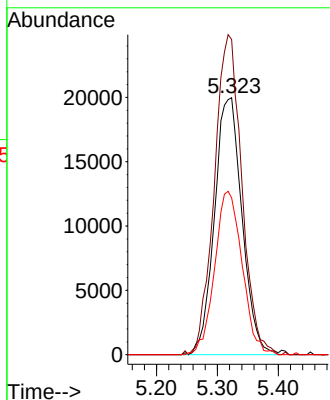
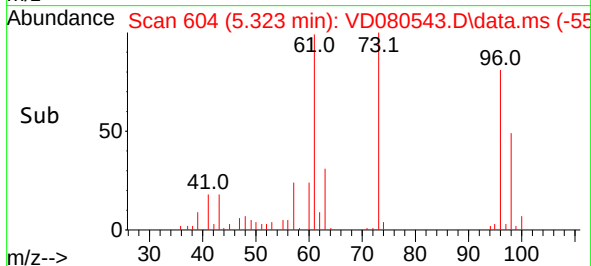
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



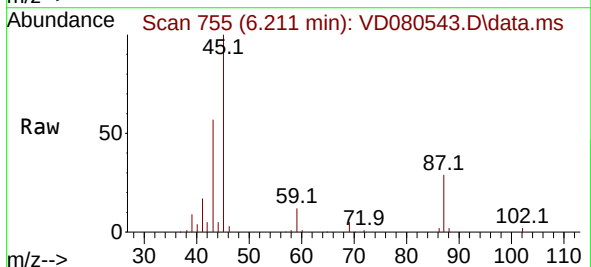
Tgt Ion: 96 Resp: 62879
Ion Ratio Lower Upper
96 100
61 122.7 102.0 153.0
98 61.0 50.5 75.7

Manual Integrations
APPROVED

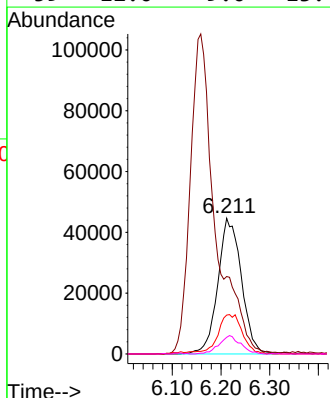
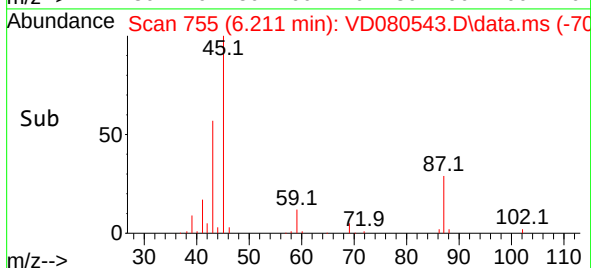
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

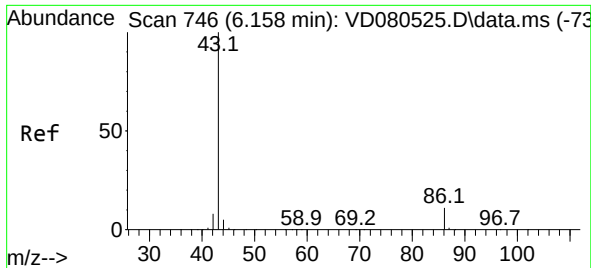


#22
Diisopropyl ether
Concen: 17.918 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



Tgt Ion: 45 Resp: 150317
Ion Ratio Lower Upper
45 100
43 56.2 40.6 60.8
87 28.6 23.0 34.6
59 12.0 9.0 13.4





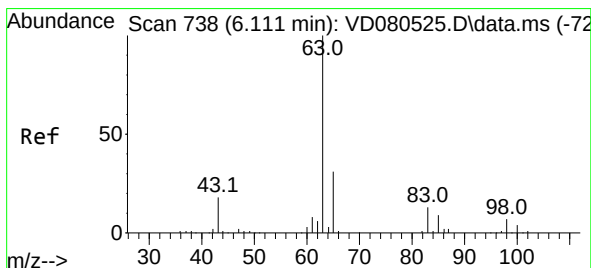
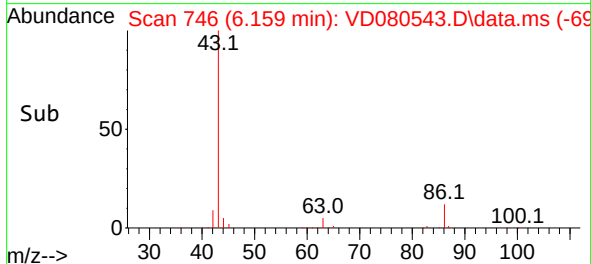
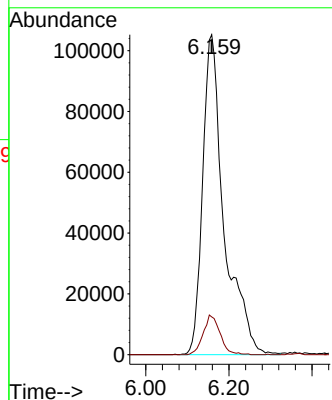
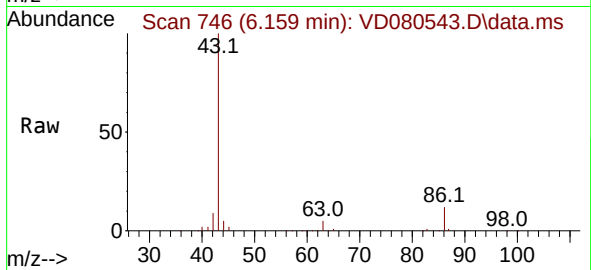
#23
 Vinyl Acetate
 Concen: 86.470 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBSD01

Tgt Ion: 43 Resp: 377740
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.1 13.7

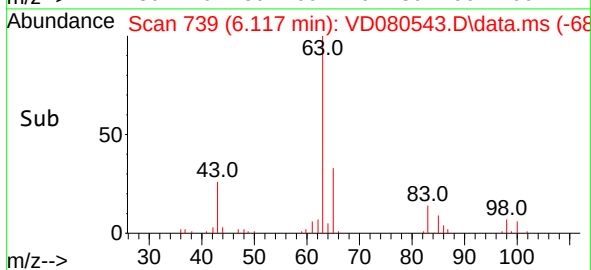
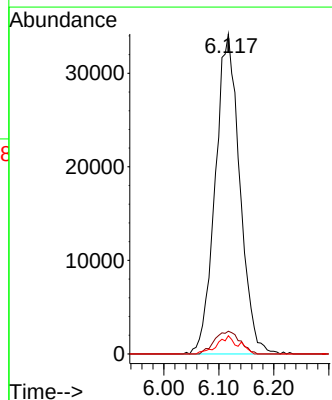
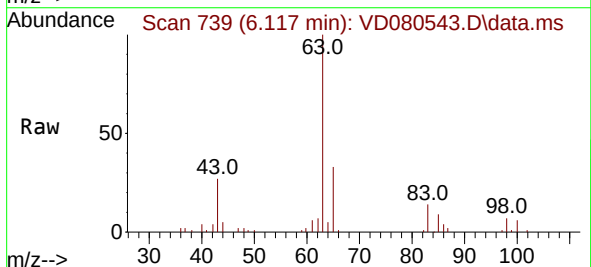
Manual Integrations
 APPROVED

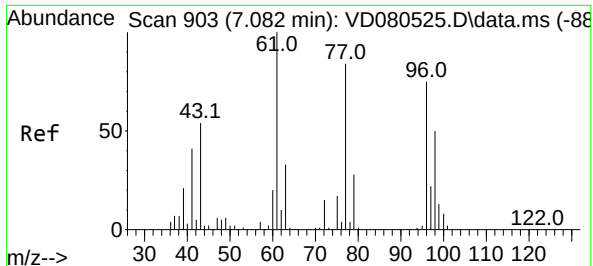
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#24
 1,1-Dichloroethane
 Concen: 18.445 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion: 63 Resp: 105796
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.7 2.0 6.0





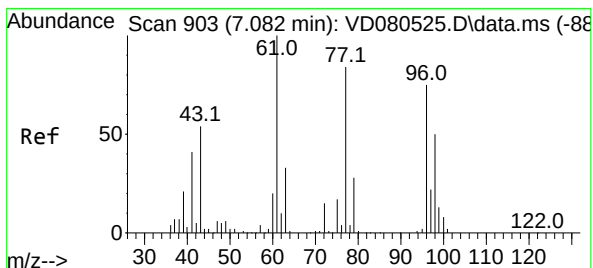
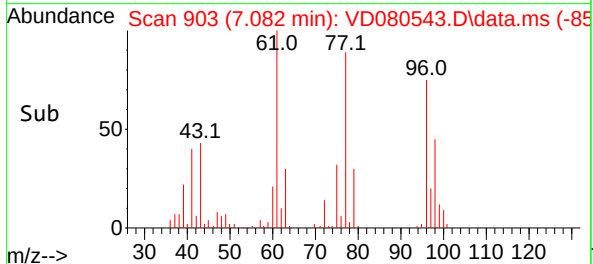
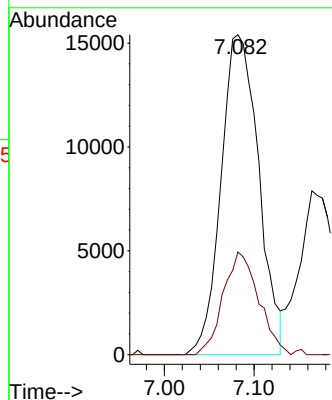
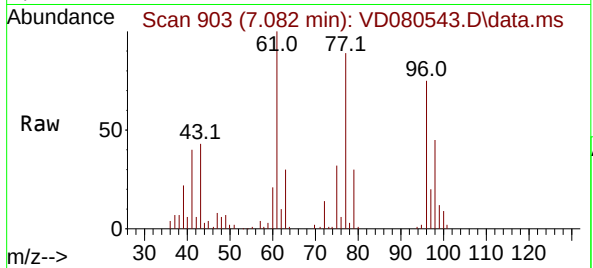
#25
2-Butanone
Concen: 84.787 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01

Tgt Ion: 43 Resp: 44960
Ion Ratio Lower Upper
43 100
72 32.1 22.6 34.0

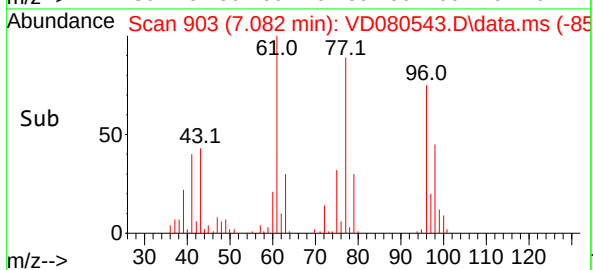
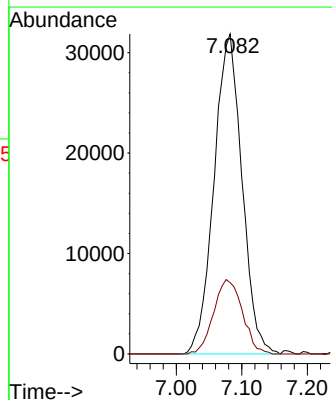
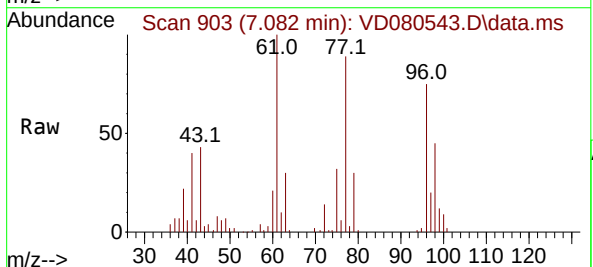
Manual Integrations
APPROVED

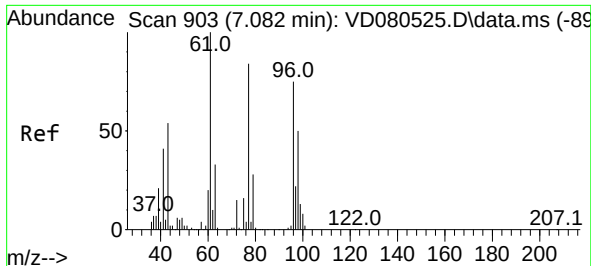
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#26
2,2-Dichloropropane
Concen: 19.112 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

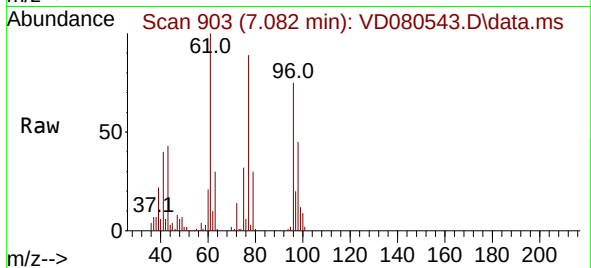
Tgt Ion: 77 Resp: 94278
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.822 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

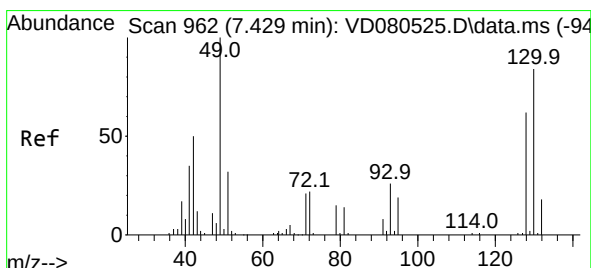
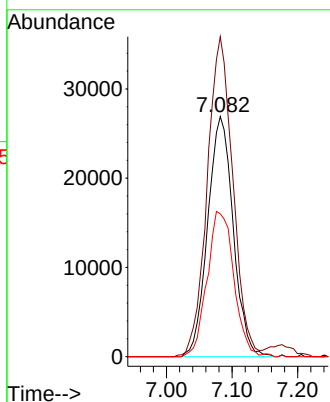
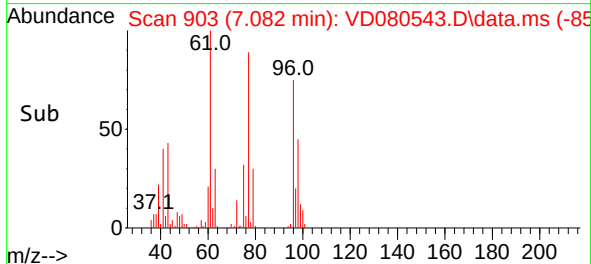
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01



Tgt Ion: 96 Resp: 7270
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 271.8
 98 63.1 0.0 130.6

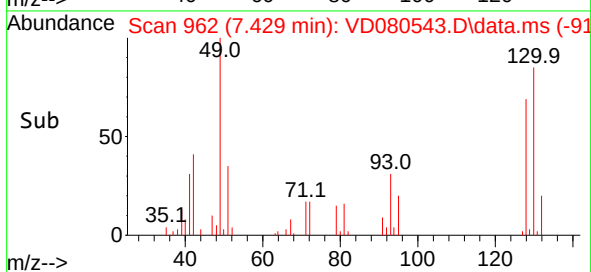
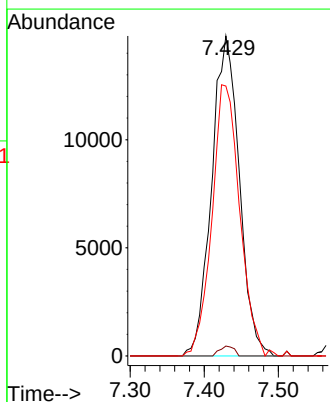
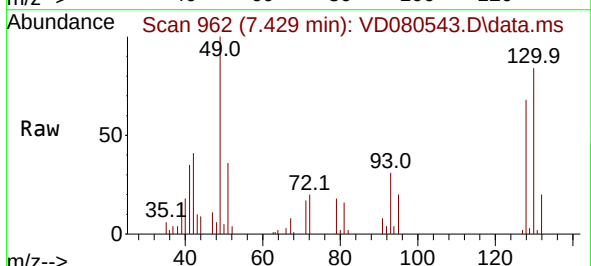
Manual Integrations
 APPROVED

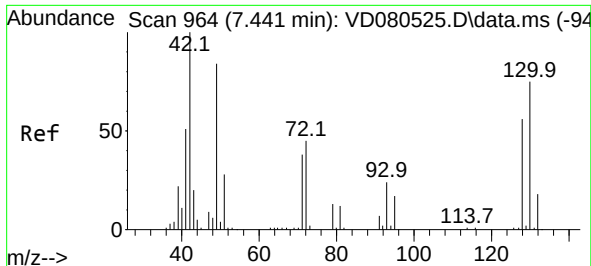
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#28
 Bromochloromethane
 Concen: 18.298 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion: 49 Resp: 38410
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.4
 130 85.0 64.3 96.5





#29

Tetrahydrofuran

Concen: 82.612 ug/l

RT: 7.441 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

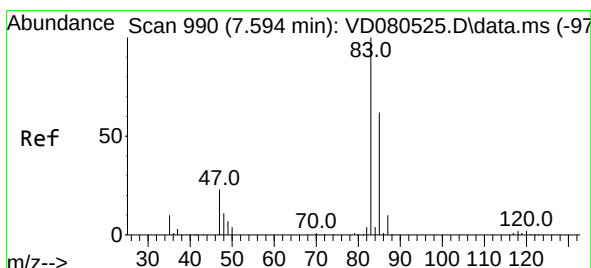
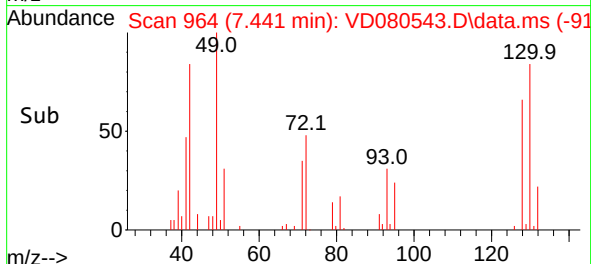
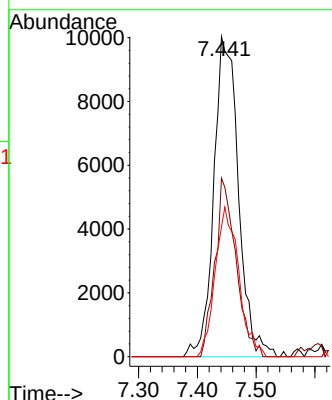
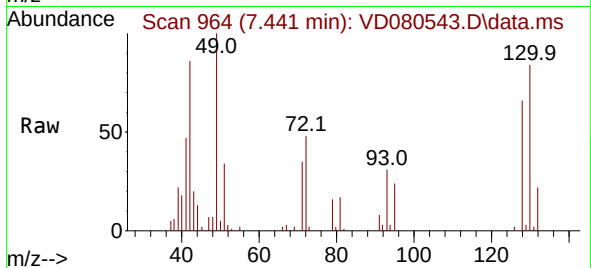
Tgt Ion:	42	Resp:	2918
Ion Ratio	Lower	Upper	
42	100		
72	47.7	35.4	53.2
71	44.7	32.2	48.4

Manual Integrations

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Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#30

Chloroform

Concen: 18.859 ug/l

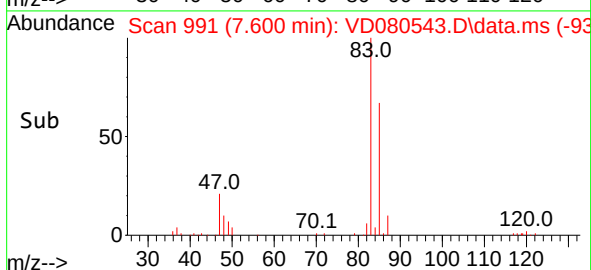
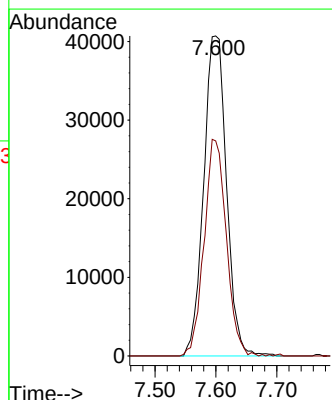
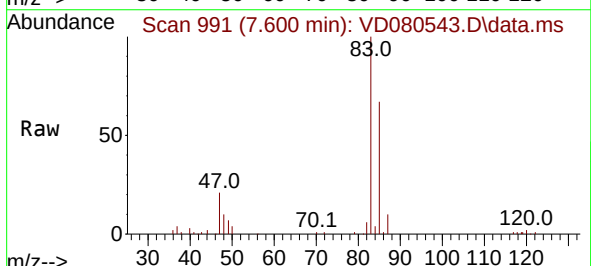
RT: 7.600 min Scan# 991

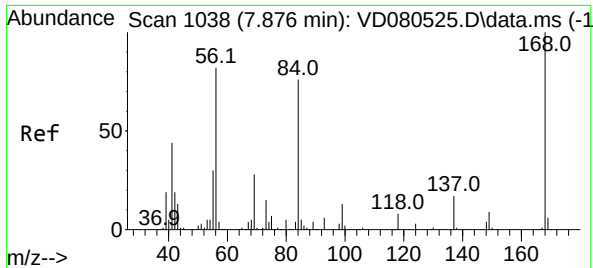
Delta R.T. 0.006 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

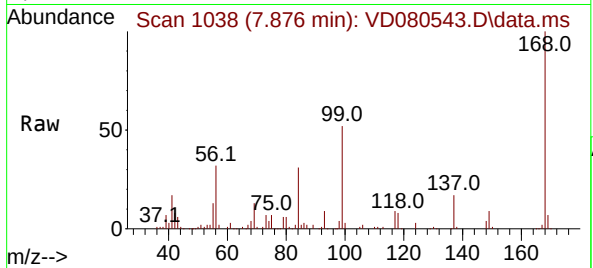
Tgt Ion:	83	Resp:	106077
Ion Ratio	Lower	Upper	
83	100		
85	67.2	49.8	74.8





#31
Cyclohexane
Concen: 18.285 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

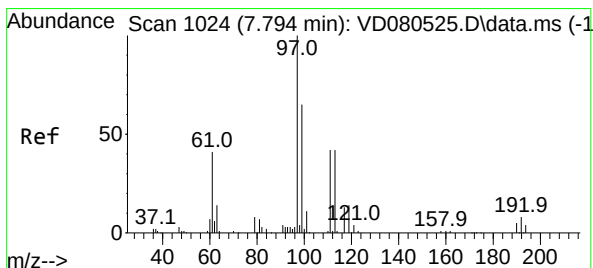
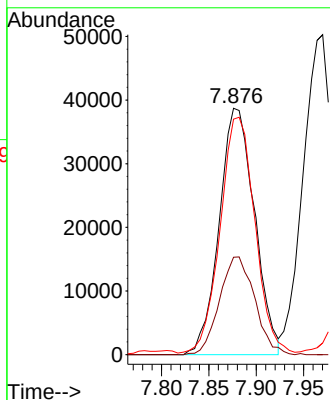
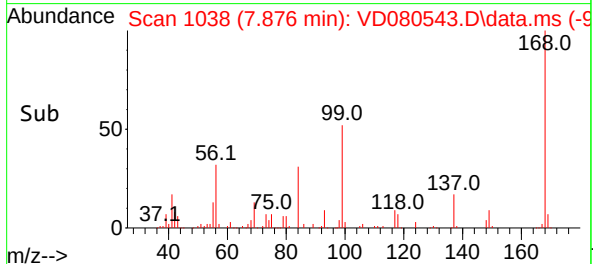
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



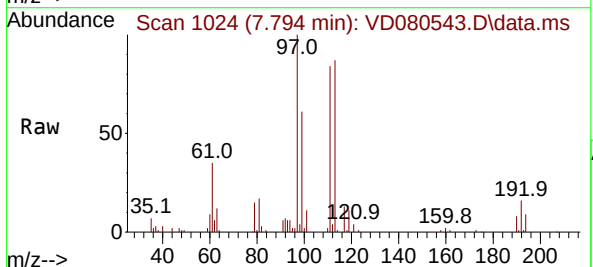
Tgt Ion: 56 Resp: 10046
Ion Ratio Lower Upper
56 100
69 39.6 27.6 41.4
84 95.0 74.6 111.8

Manual Integrations
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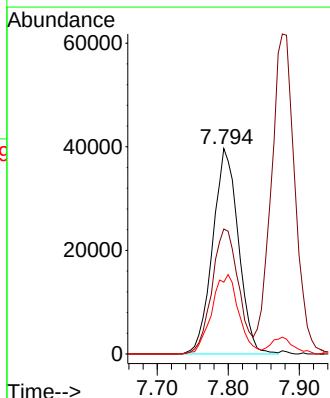
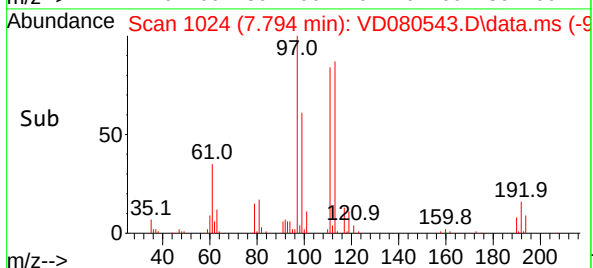
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

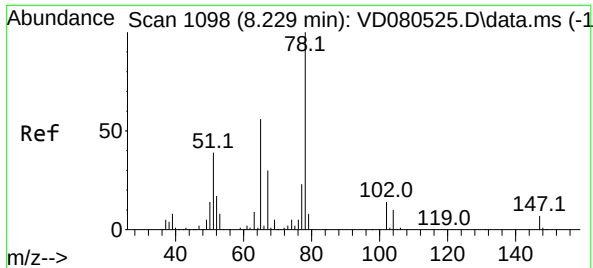


#32
1,1,1-Trichloroethane
Concen: 20.127 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



Tgt Ion: 97 Resp: 99451
Ion Ratio Lower Upper
97 100
99 62.8 50.4 75.6
61 40.7 32.8 49.2





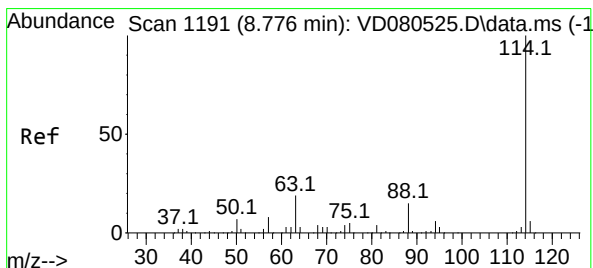
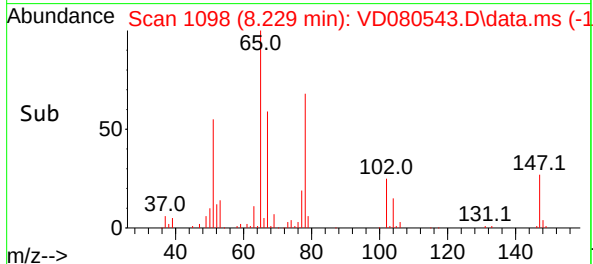
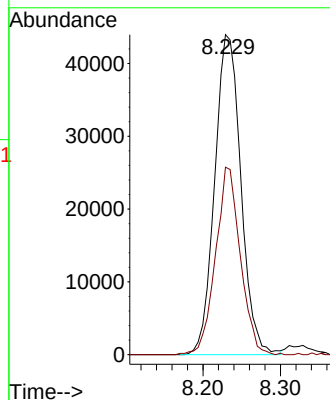
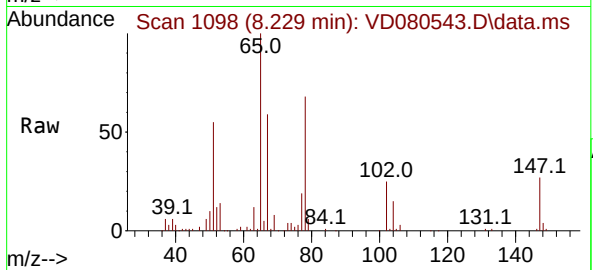
#33
 1,2-Dichloroethane-d4
 Concen: 44.646 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tgt Ion: 65 Resp: 103278
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.6

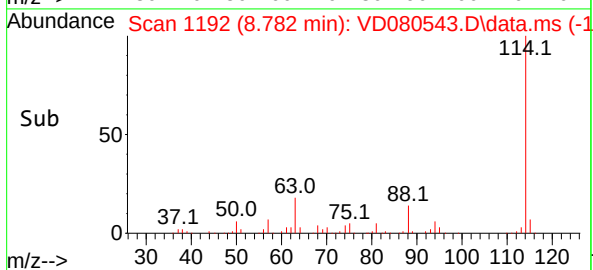
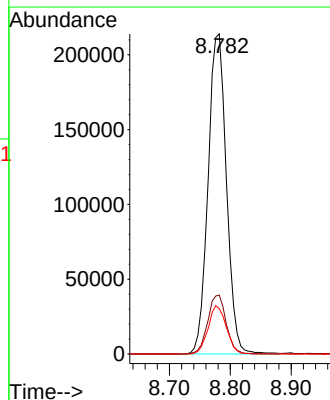
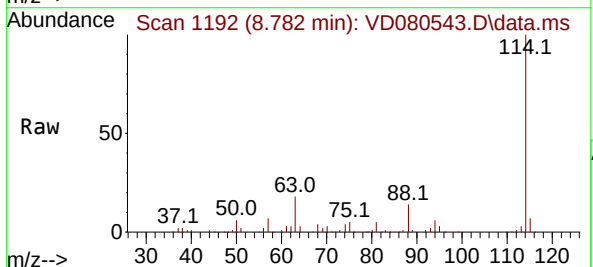
Manual Integrations
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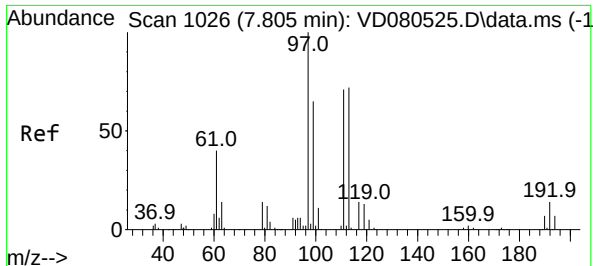
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.782 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion:114 Resp: 448356
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.2
 88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 45.940 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion:113 Resp: 12126

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

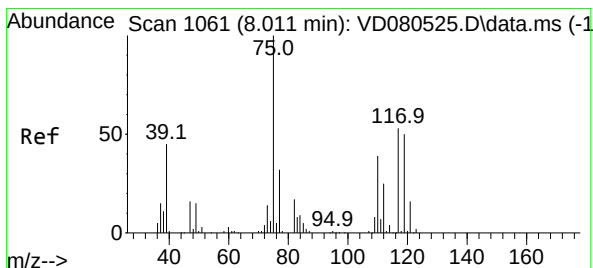
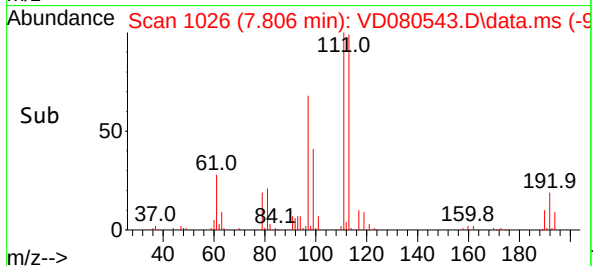
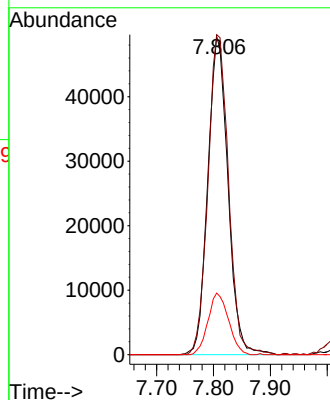
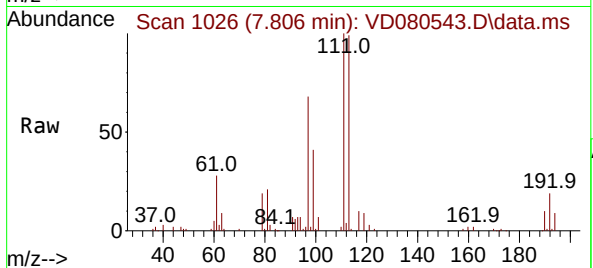
192 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#36

1,1-Dichloropropene

Concen: 20.229 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

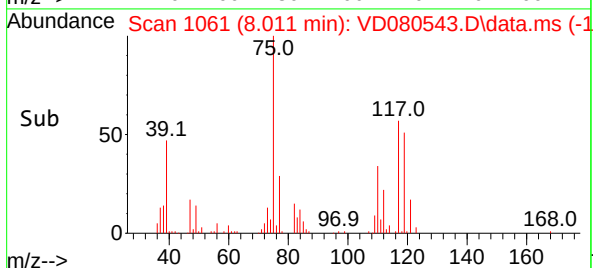
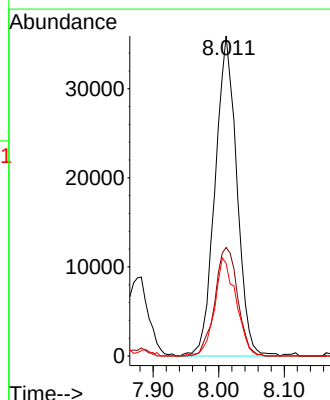
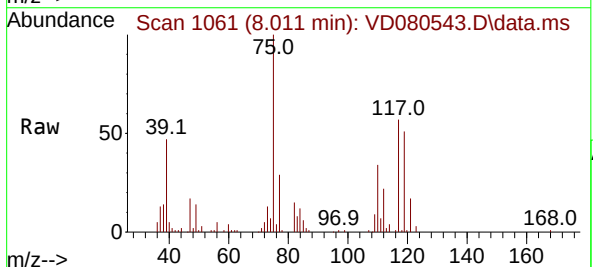
Tgt Ion: 75 Resp: 82542

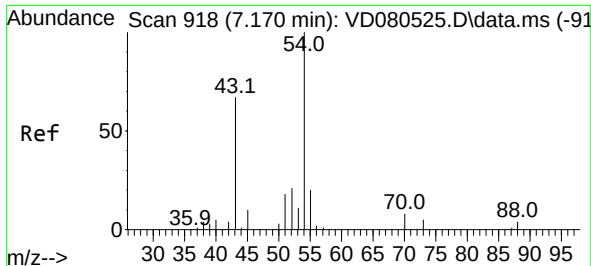
Ion Ratio Lower Upper

75 100

110 35.6 18.9 56.5

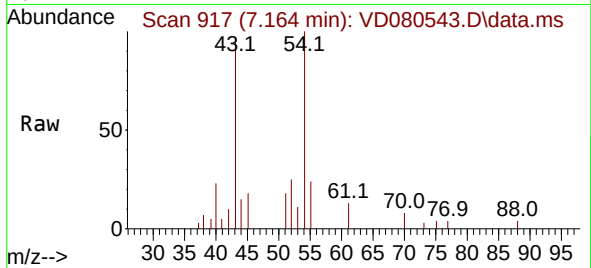
77 30.3 25.8 38.8





#37
Ethyl Acetate
Concen: 19.656 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

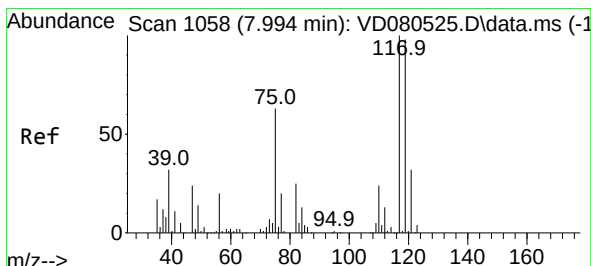
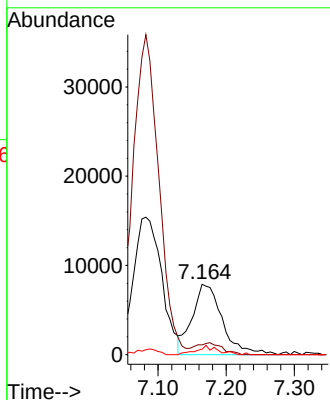
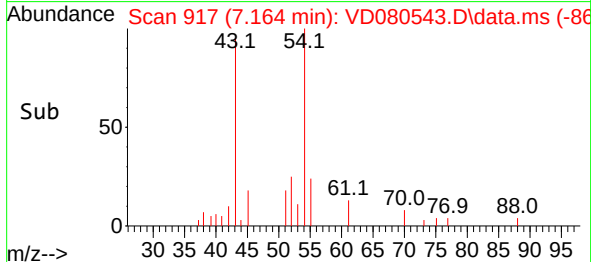
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion: 43 Resp: 24260
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 8.8 8.2 12.2

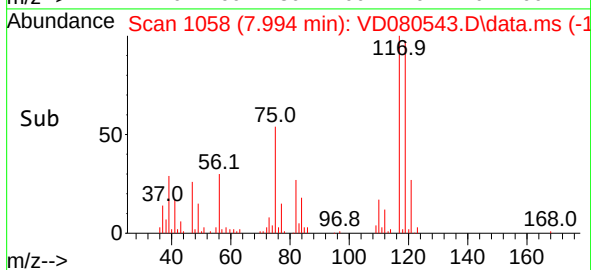
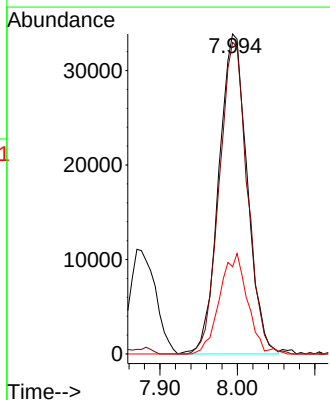
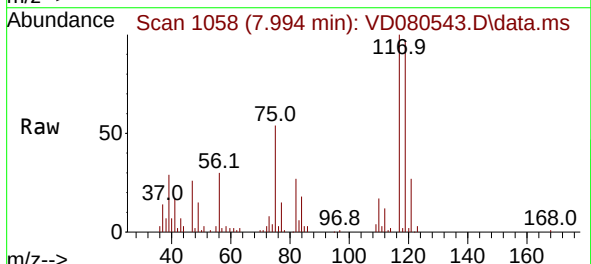
Manual Integrations
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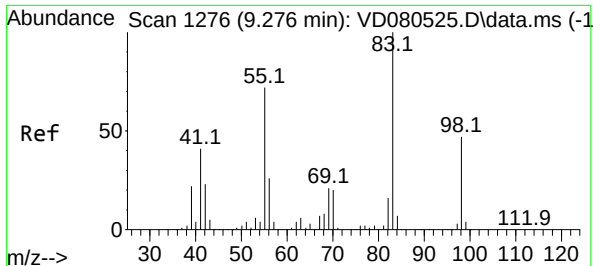
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#38
Carbon Tetrachloride
Concen: 21.032 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion:117 Resp: 86240
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.4
121 27.3 25.8 38.6





#39

Methylcyclohexane

Concen: 19.482 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 83 Resp: 104884

Ion Ratio Lower Upper

83 100

55 69.6 57.8 86.8

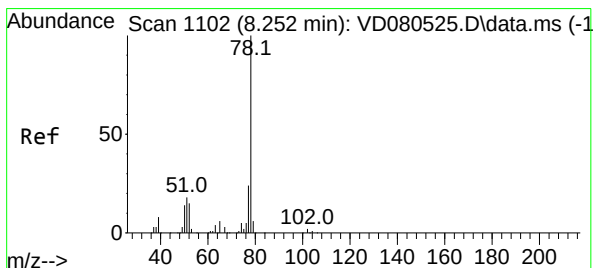
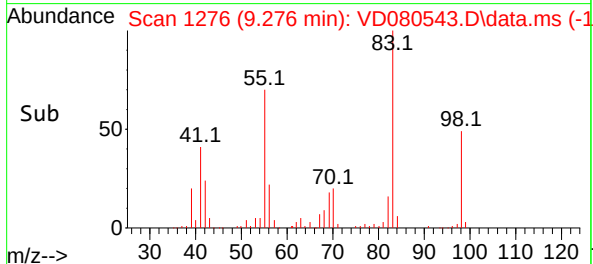
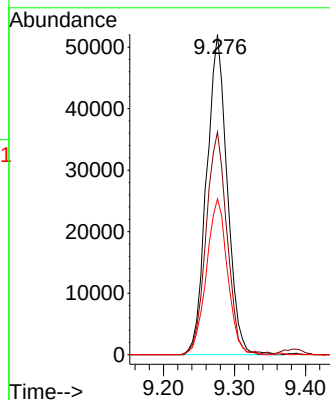
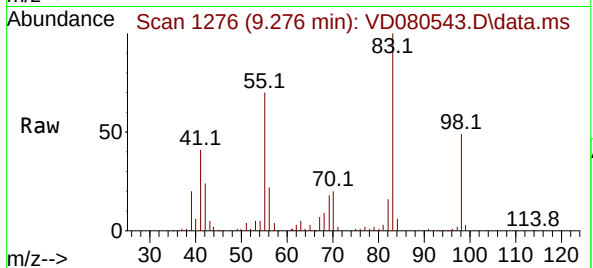
98 48.7 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#40

Benzene

Concen: 19.337 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080543.D

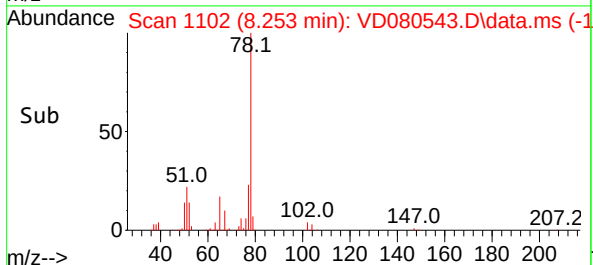
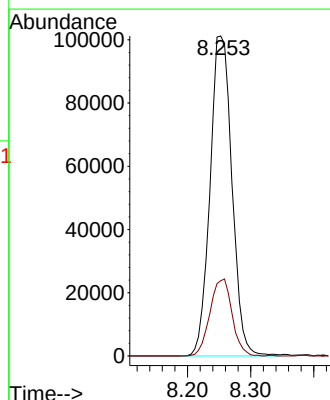
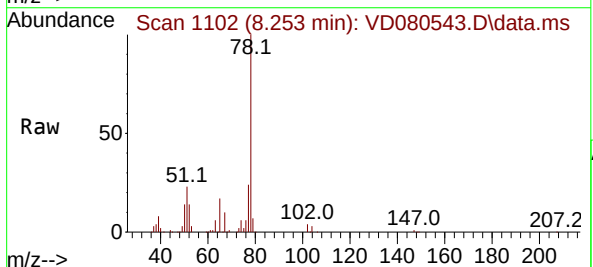
Acq: 19 Nov 2025 10:45

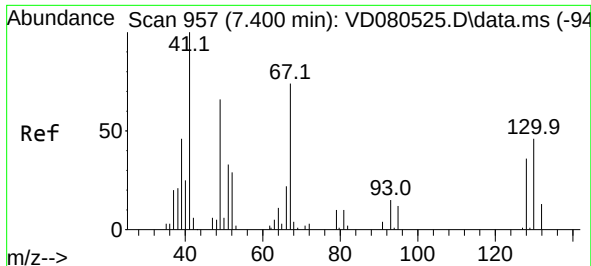
Tgt Ion: 78 Resp: 244312

Ion Ratio Lower Upper

78 100

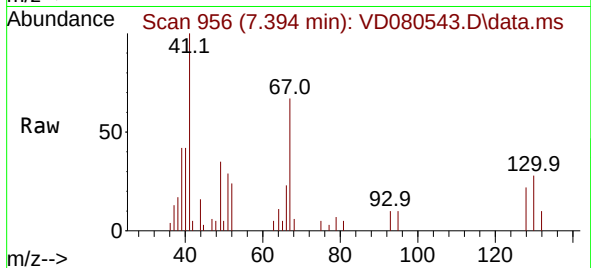
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 16.234 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

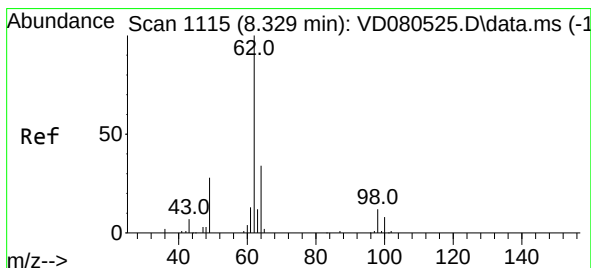
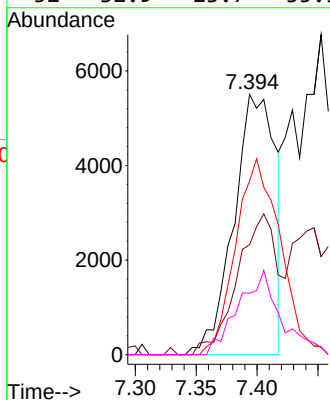
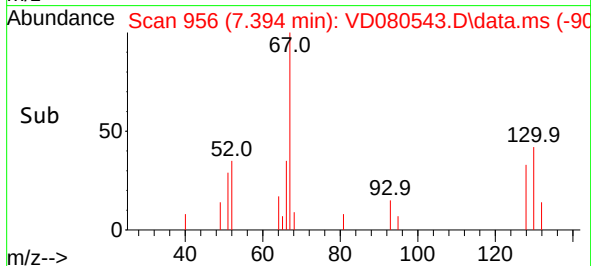
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 41 Resp: 13089
Ion Ratio Lower Upper
41 100
39 53.8 44.3 66.5
67 80.4 64.0 96.0
52 32.9 23.7 35.5

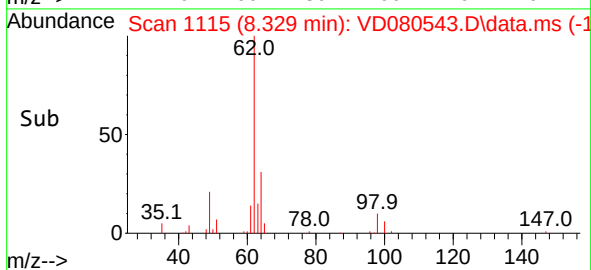
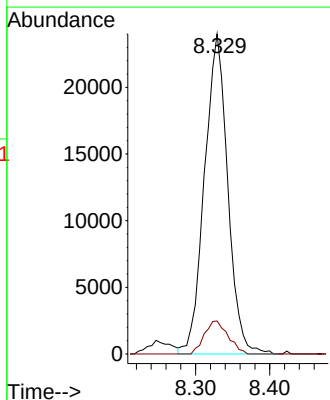
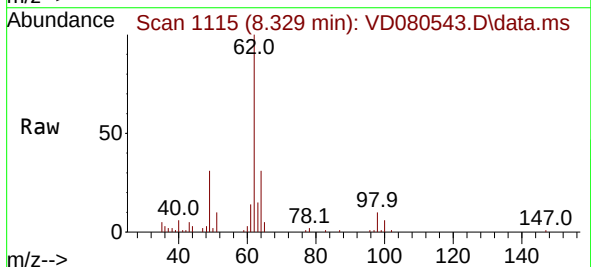
Manual Integrations
APPROVED

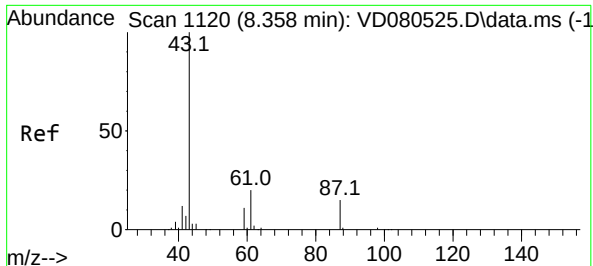
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#42
1,2-Dichloroethane
Concen: 19.835 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion: 62 Resp: 52303
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.8





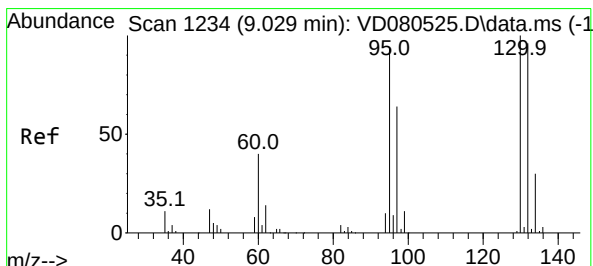
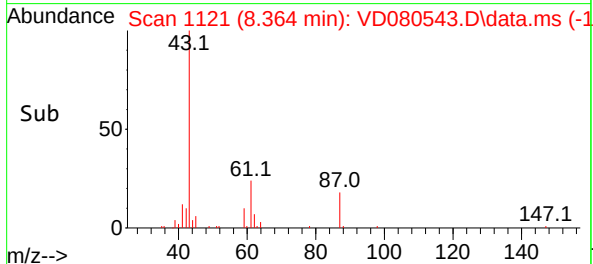
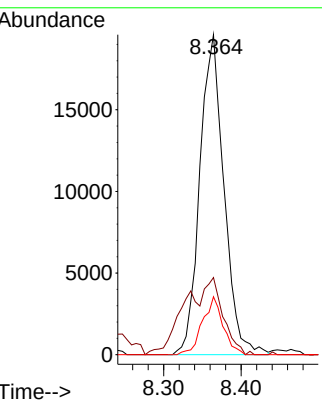
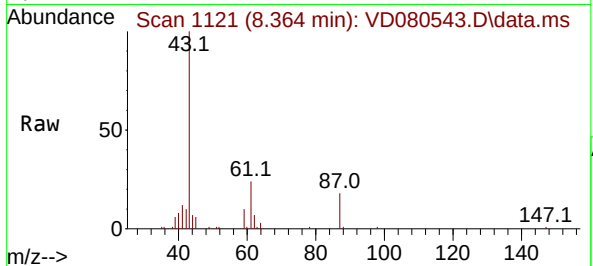
#43
Isopropyl Acetate
Concen: 17.586 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
61 19.2 26.3 39.5
87 15.5 11.1 16.7

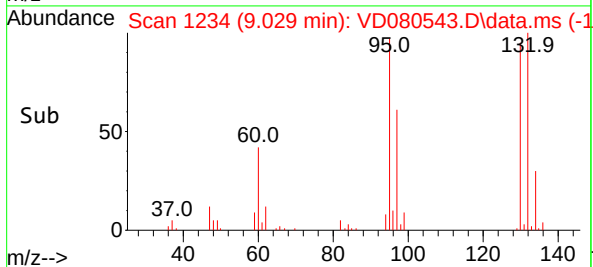
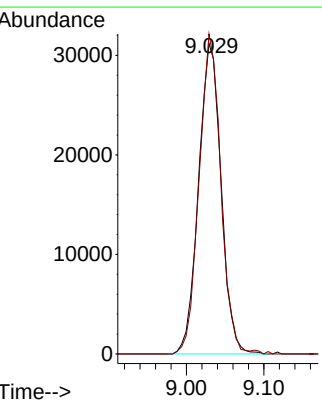
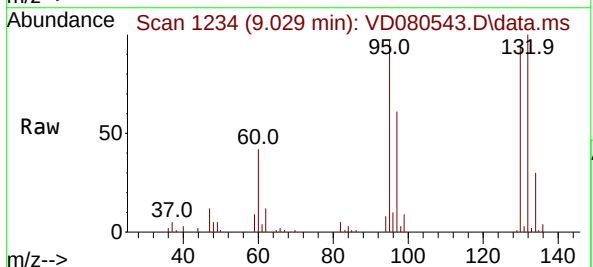
Manual Integrations
APPROVED

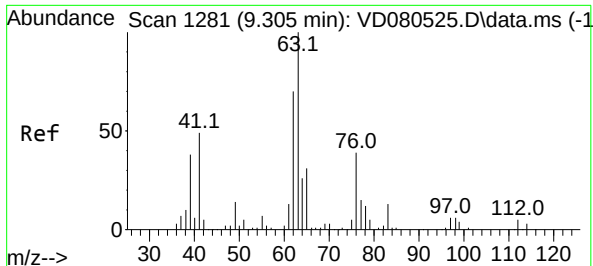
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#44
Trichloroethene
Concen: 19.750 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion:130 Resp: 63080
Ion Ratio Lower Upper
130 100
95 103.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.599 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 63 Resp: 5669

Ion Ratio Lower Upper

63 100

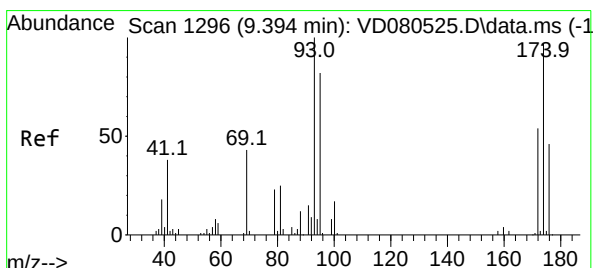
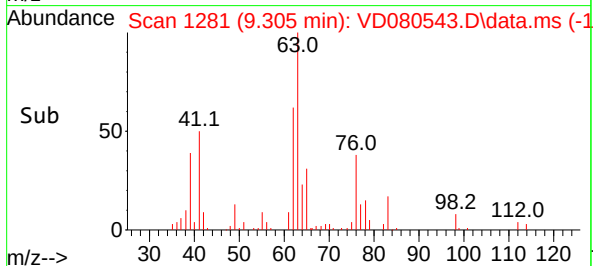
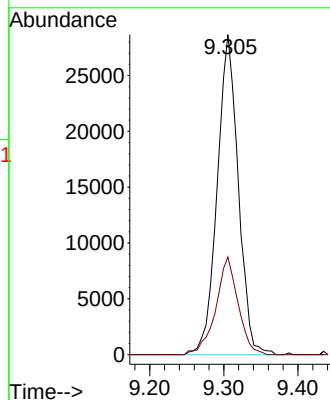
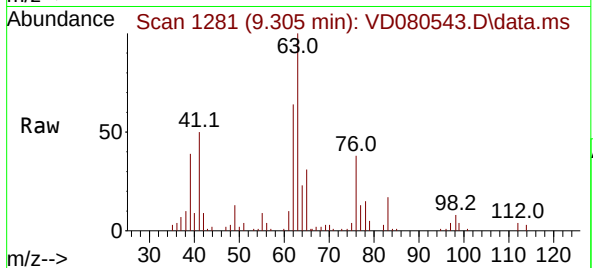
65 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#46

Dibromomethane

Concen: 19.154 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

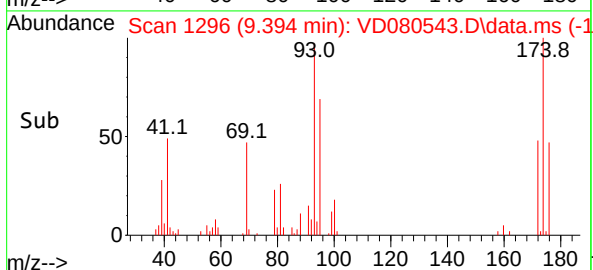
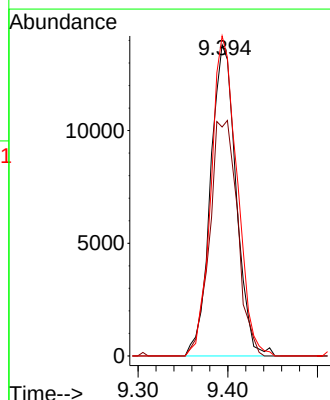
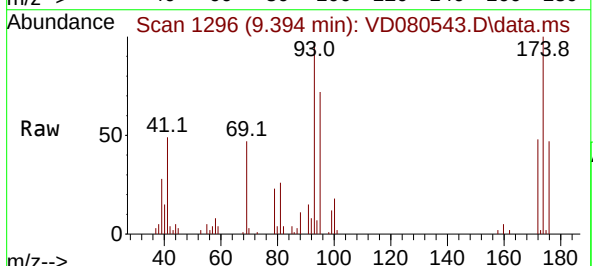
Tgt Ion: 93 Resp: 27331

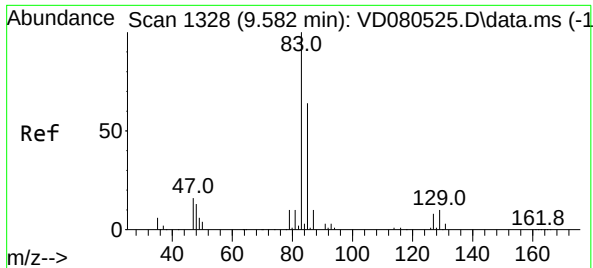
Ion Ratio Lower Upper

93 100

95 82.1 68.2 102.2

174 104.5 79.5 119.3





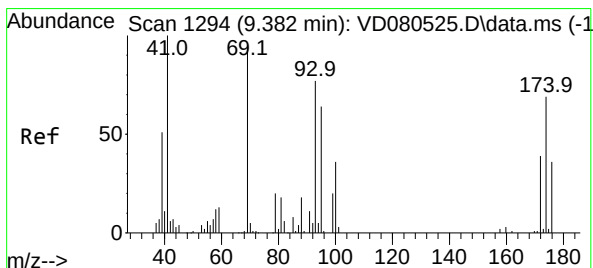
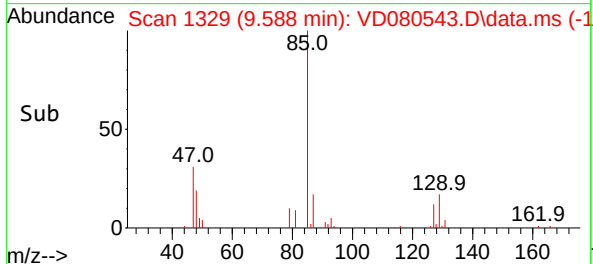
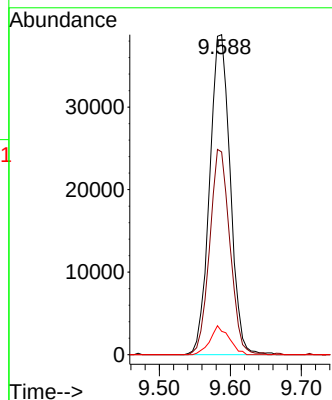
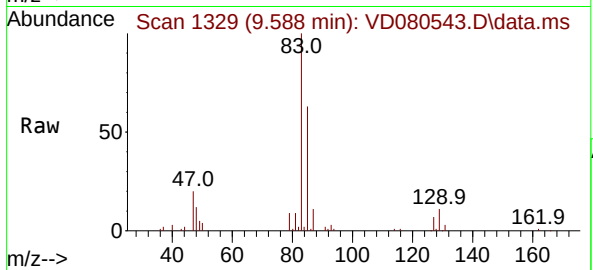
#47
Bromodichloromethane
Concen: 20.223 ug/l
RT: 9.588 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 83 Resp: 77928
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 7.3 6.5 9.7

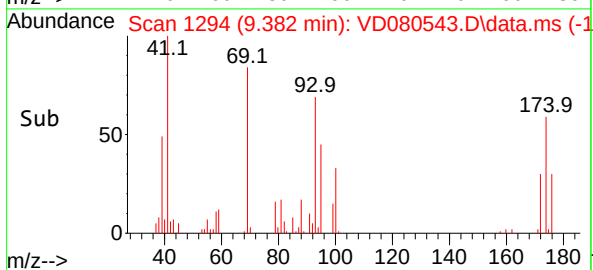
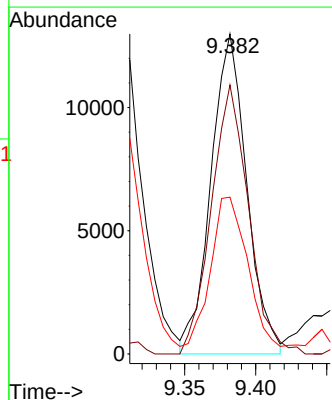
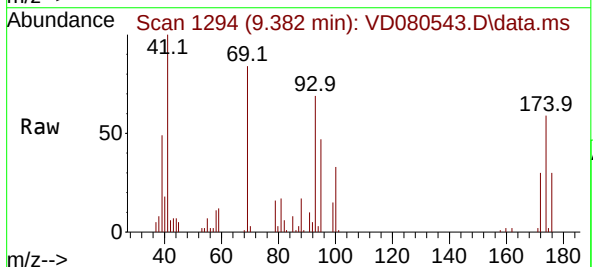
Manual Integrations
APPROVED

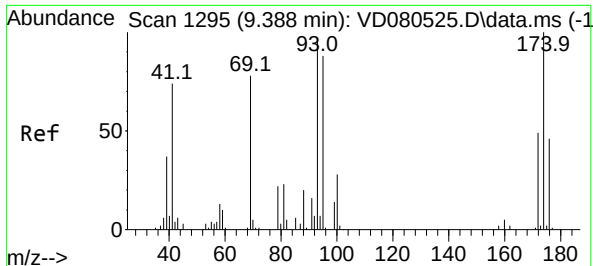
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#48
Methyl methacrylate
Concen: 18.945 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion: 41 Resp: 22768
Ion Ratio Lower Upper
41 100
69 87.4 74.5 111.7
39 53.2 40.6 61.0





#49

1,4-Dioxane

Concen: 372.831 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion: 88 Resp: 495

Ion Ratio Lower Upper

88 100

43 42.1 28.0 42.0

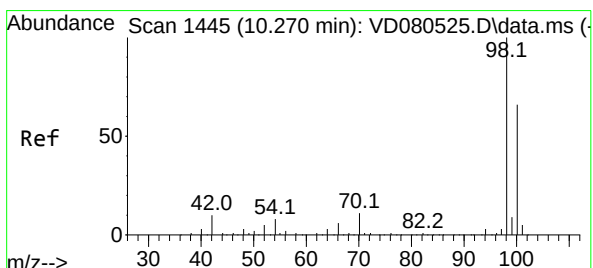
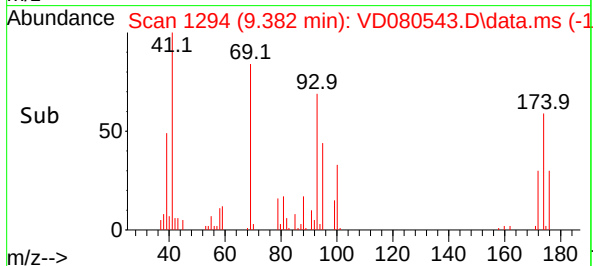
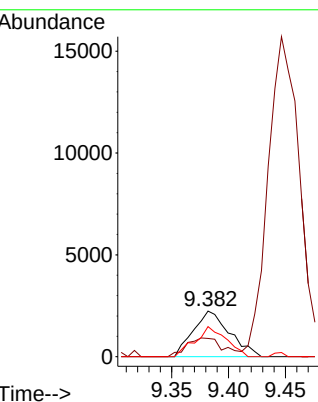
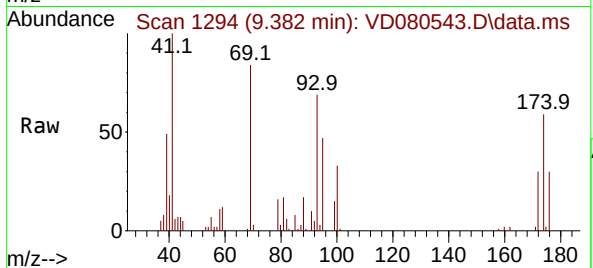
58 56.7 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#50

Toluene-d8

Concen: 46.289 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080543.D

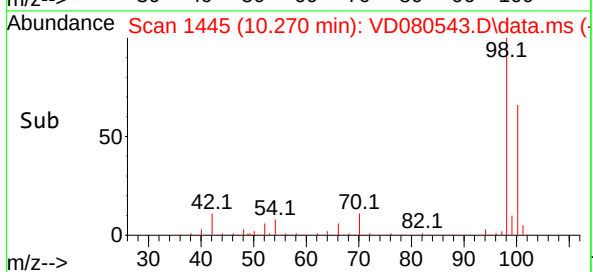
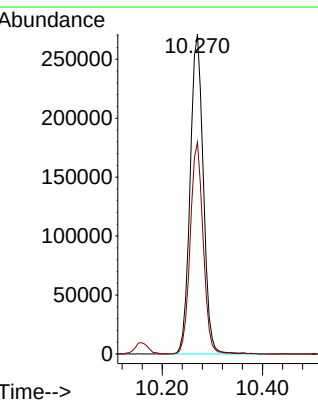
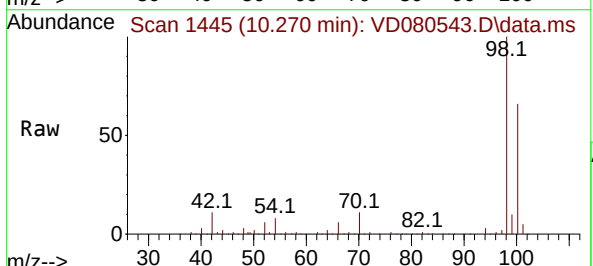
Acq: 19 Nov 2025 10:45

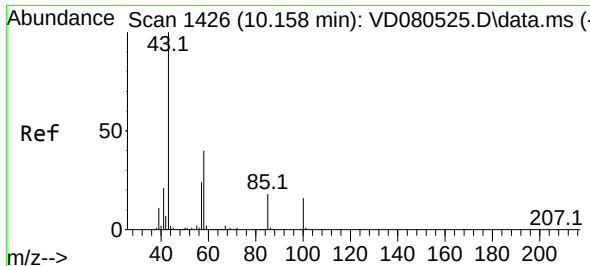
Tgt Ion: 98 Resp: 494282

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





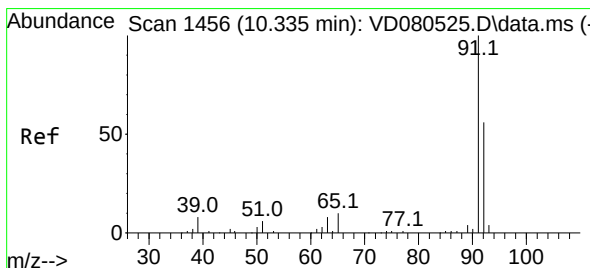
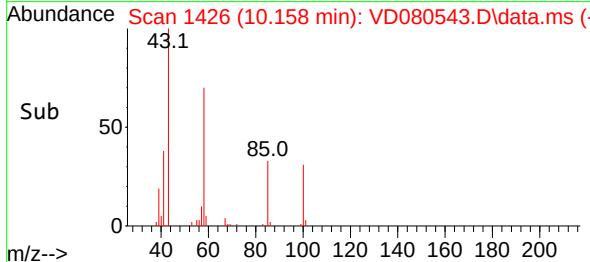
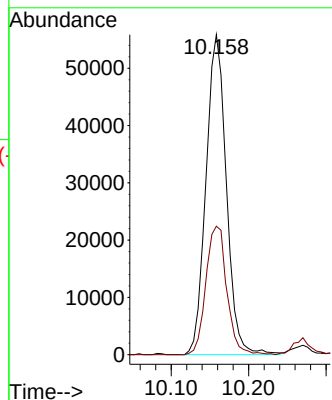
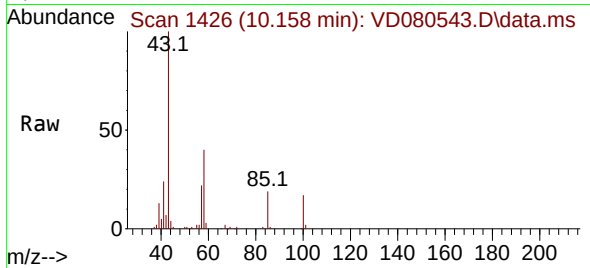
#51
4-Methyl-2-Pentanone
Concen: 90.898 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01

Tgt Ion: 43 Resp: 102108
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2

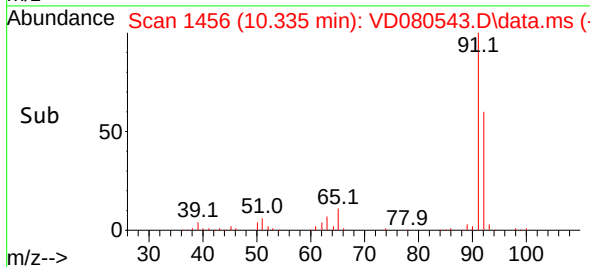
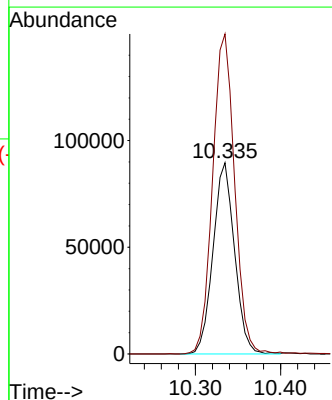
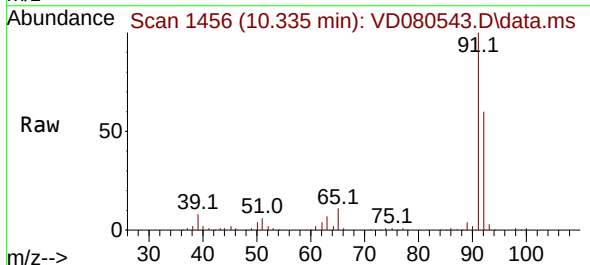
Manual Integrations
APPROVED

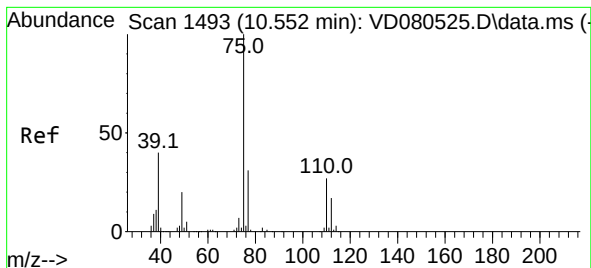
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#52
Toluene
Concen: 19.709 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion: 92 Resp: 157481
Ion Ratio Lower Upper
92 100
91 171.1 137.0 205.6





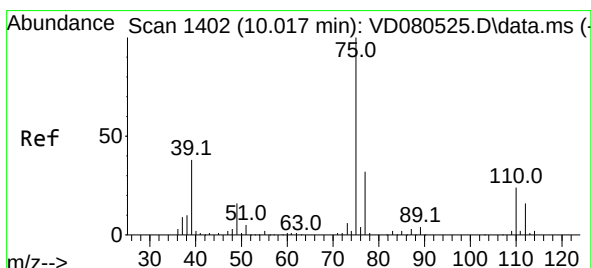
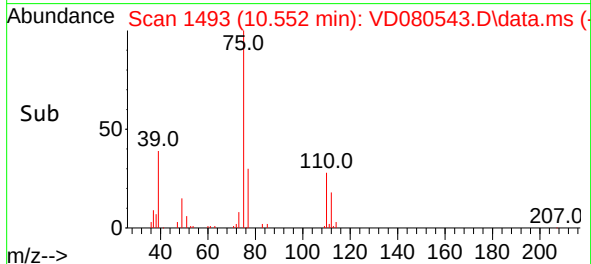
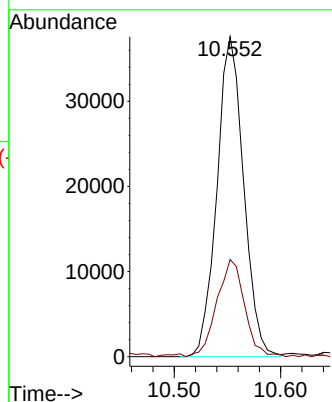
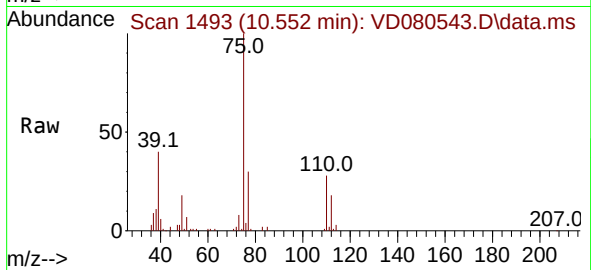
#53
t-1,3-Dichloropropene
Concen: 19.147 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01

Tgt Ion: 75 Resp: 6538
Ion Ratio Lower Upper
75 100
77 29.7 24.7 37.1

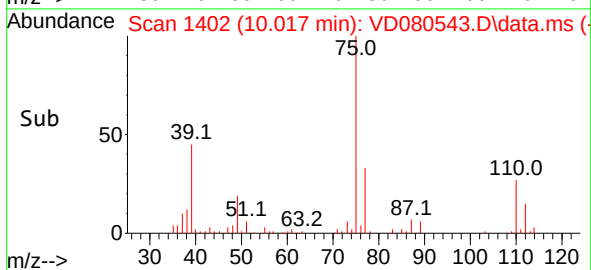
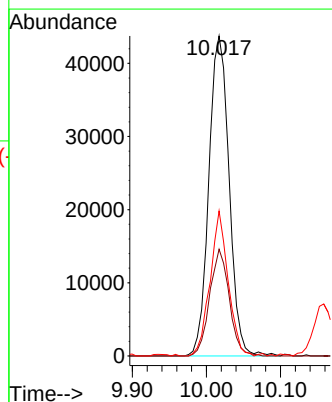
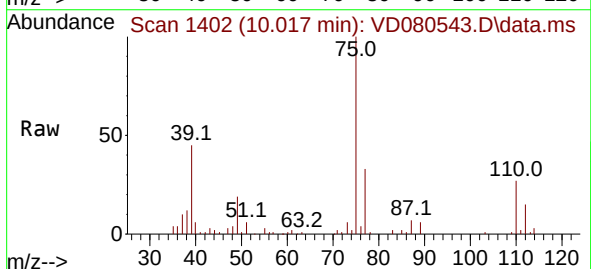
Manual Integrations
APPROVED

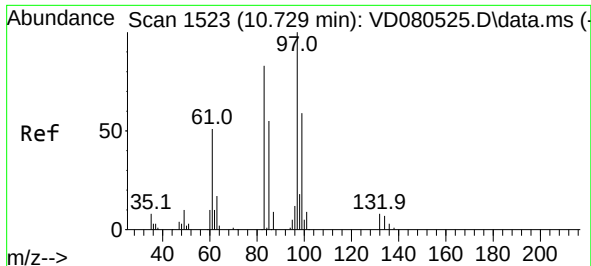
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#54
cis-1,3-Dichloropropene
Concen: 18.887 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

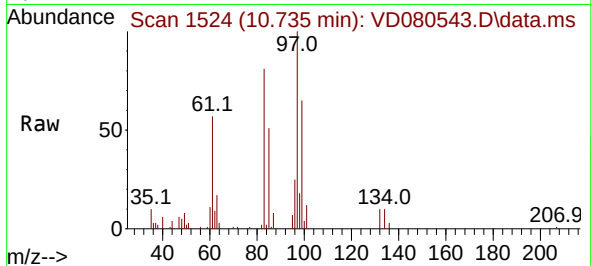
Tgt Ion: 75 Resp: 83176
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
39 45.3 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 18.578 ug/l
RT: 10.735 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

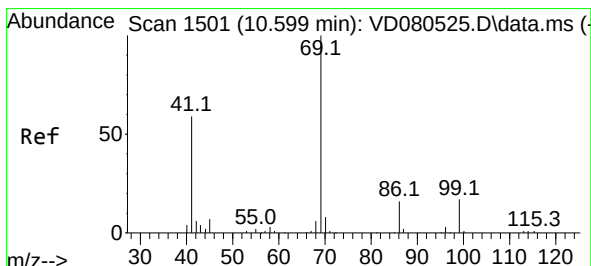
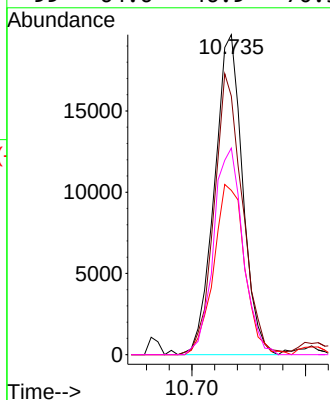
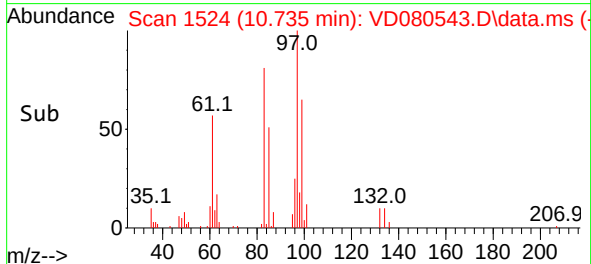
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.8	66.3	99.5
85	51.4	43.8	65.8
99	64.6	46.9	70.3

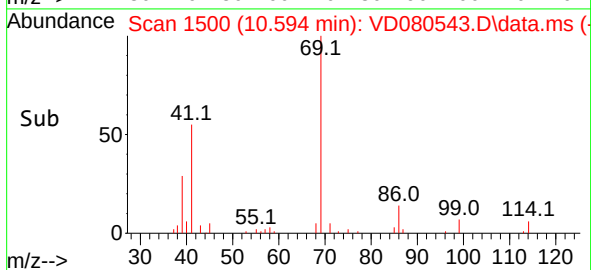
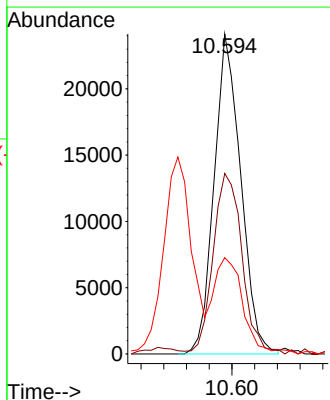
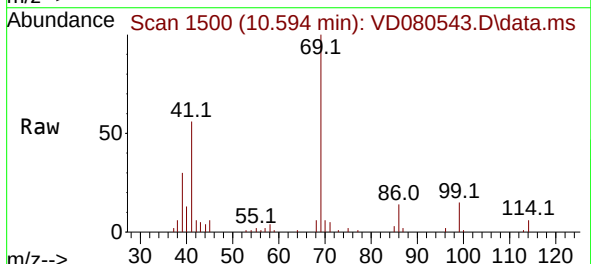
Manual Integrations
APPROVED

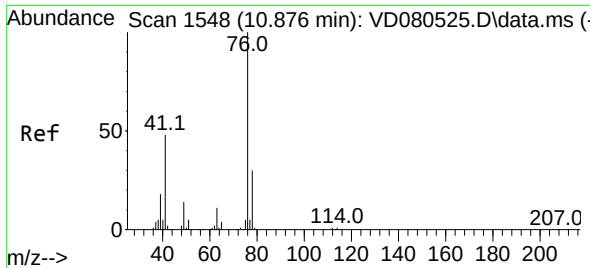
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#56
Ethyl methacrylate
Concen: 18.640 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

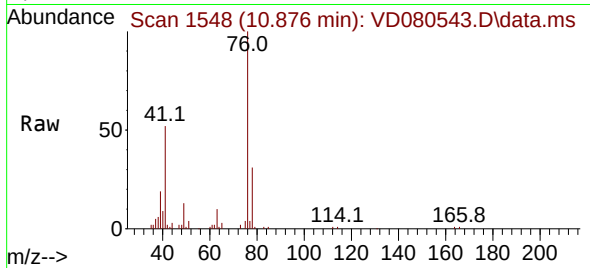
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.6	74.4
39	33.3	23.5	35.3





#57
1,3-Dichloropropane
Concen: 19.440 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

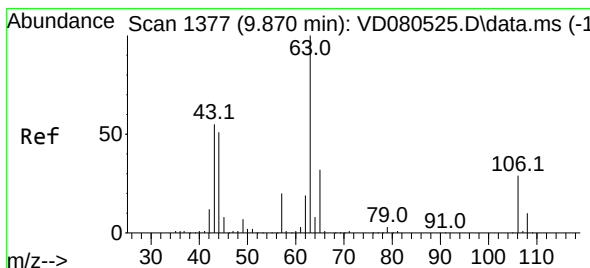
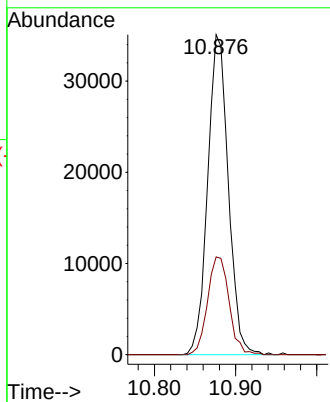
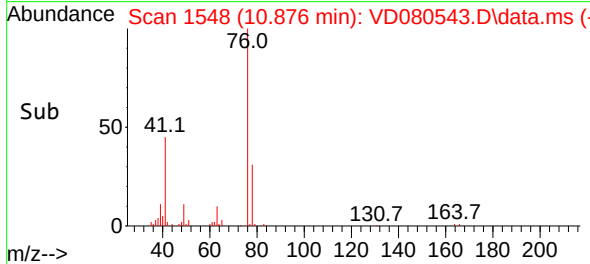
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



Tgt Ion: 76 Resp: 61879
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.8

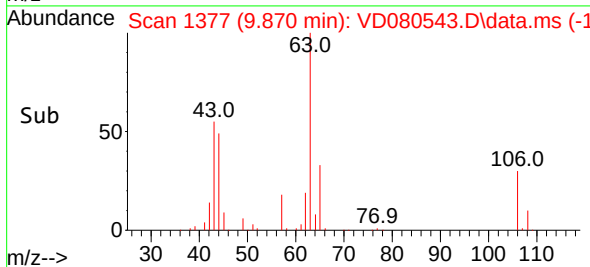
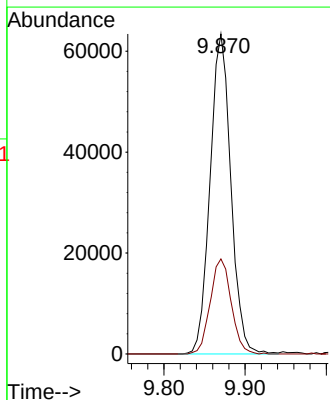
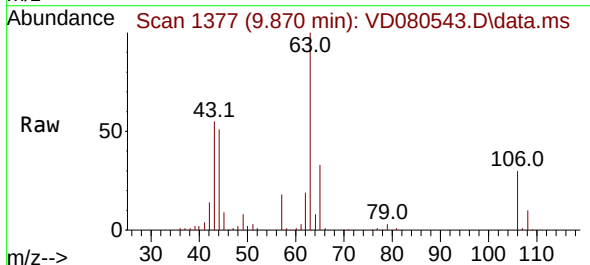
Manual Integrations
APPROVED

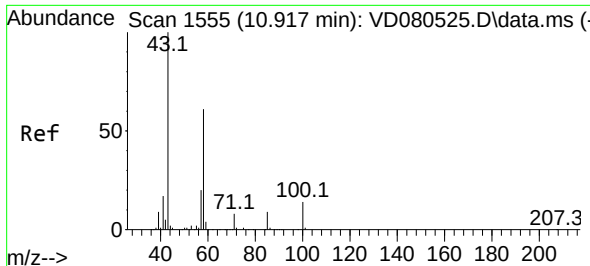
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 95.487 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

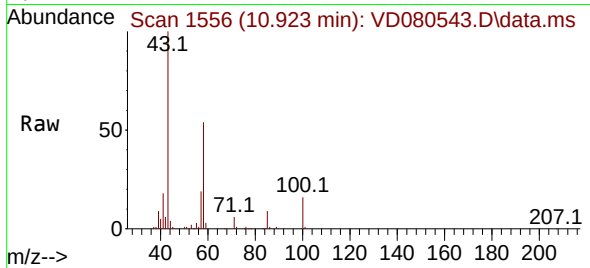
Tgt Ion: 63 Resp: 112844
Ion Ratio Lower Upper
63 100
106 29.9 22.6 33.8





#59
2-Hexanone
Concen: 91.000 ug/l
RT: 10.923 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

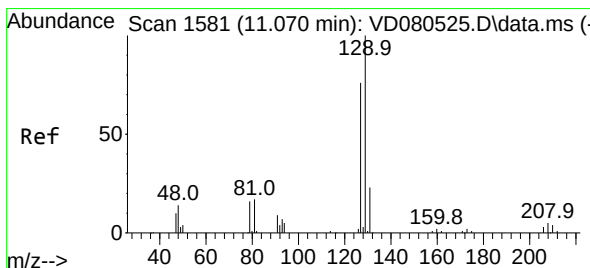
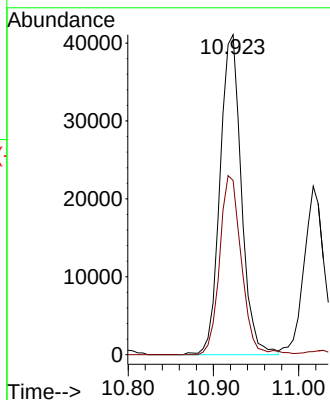
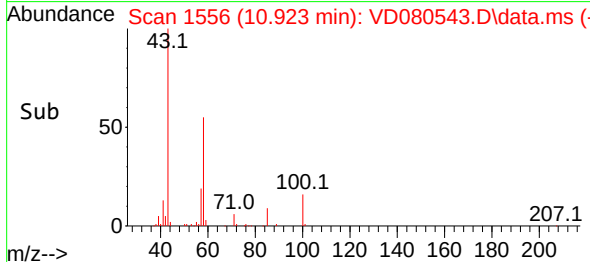
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



Tgt Ion: 43 Resp: 71460
Ion Ratio Lower Upper
43 100
58 57.0 29.6 88.9

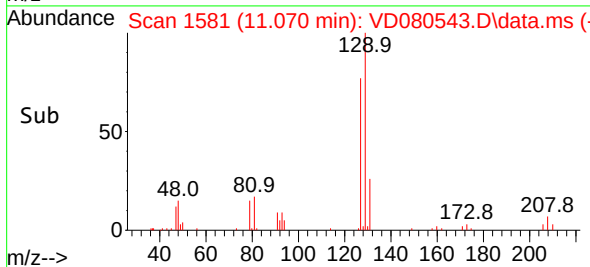
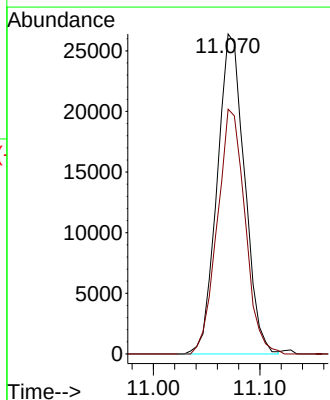
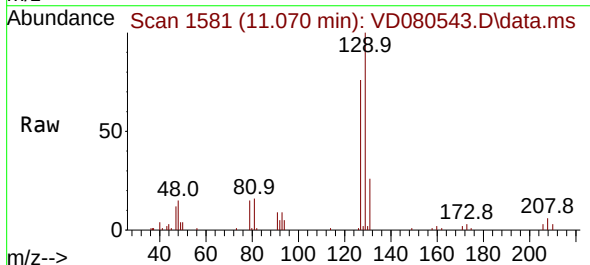
Manual Integrations
APPROVED

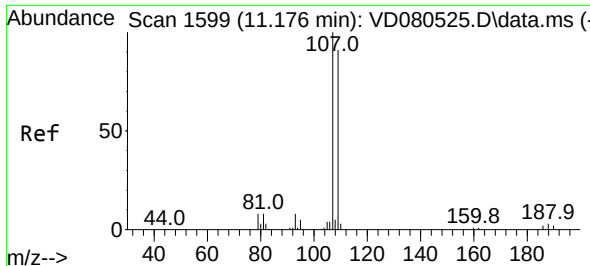
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#60
Dibromochloromethane
Concen: 19.443 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

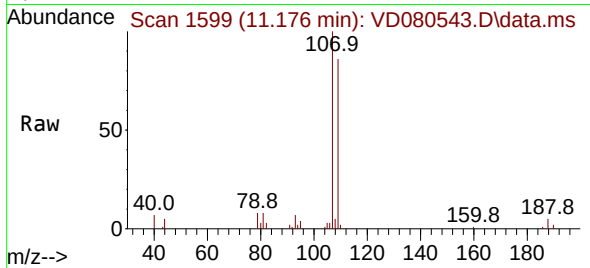
Tgt Ion:129 Resp: 47160
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 19.518 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

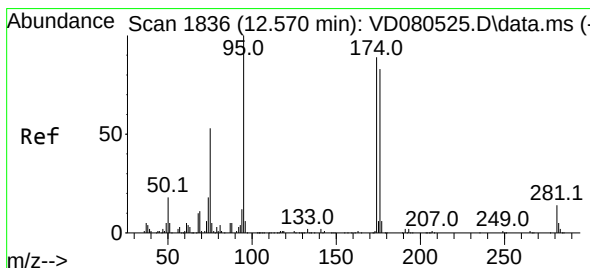
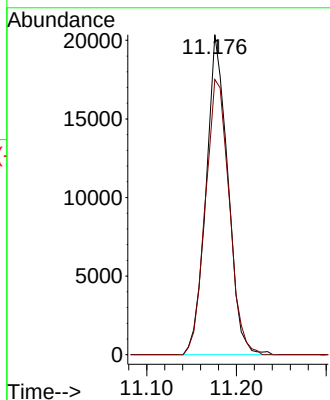
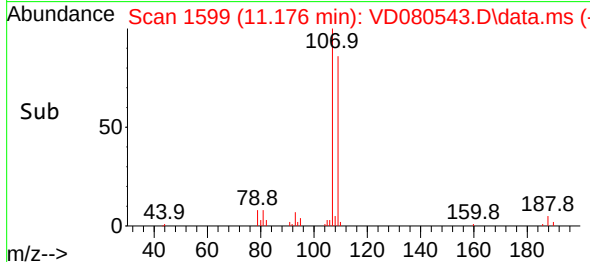
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



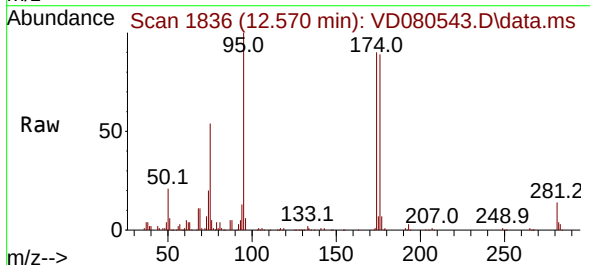
Tgt Ion:107 Resp: 34269
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

Manual Integrations
APPROVED

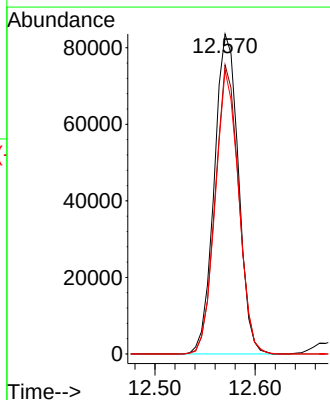
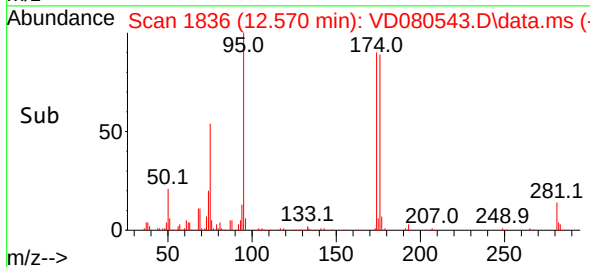
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

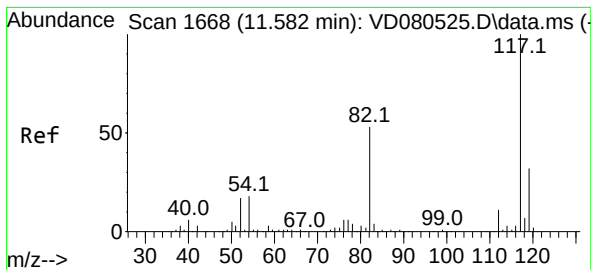


#62
4-Bromofluorobenzene
Concen: 45.400 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



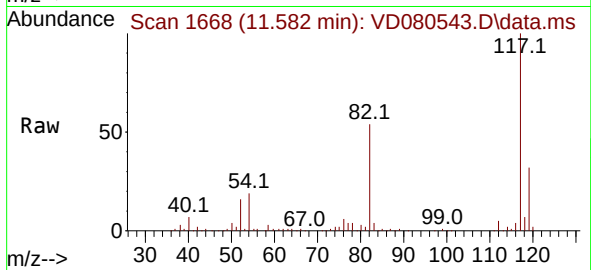
Tgt Ion: 95 Resp: 139372
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.4
176 86.0 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

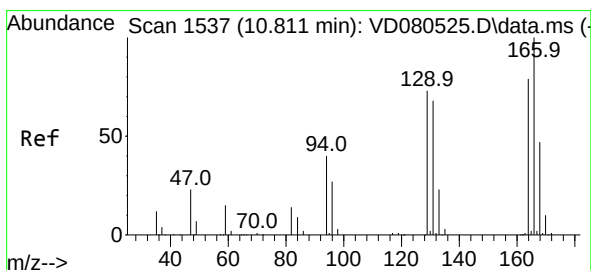
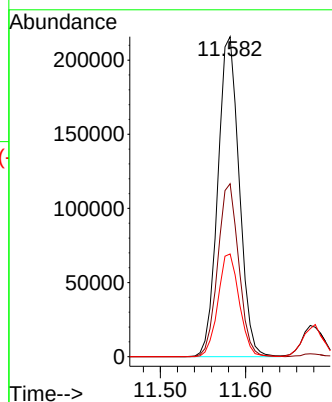
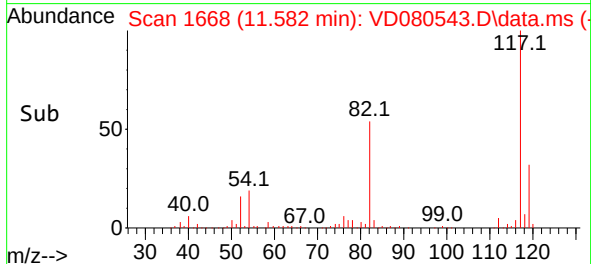
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



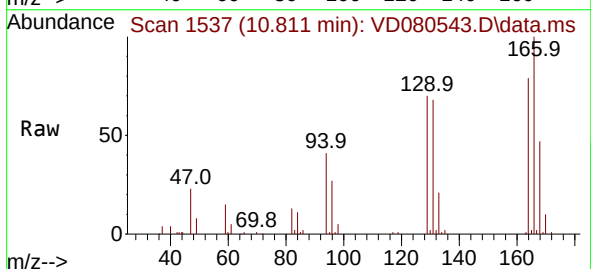
Tgt Ion:117 Resp: 37658
Ion Ratio Lower Upper
117 100
82 54.1 42.1 63.1
119 32.1 25.4 38.2

Manual Integrations
APPROVED

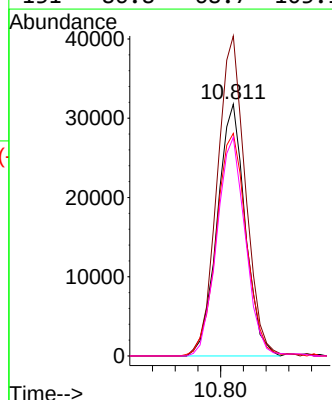
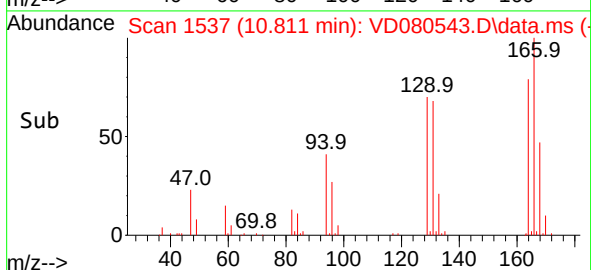
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

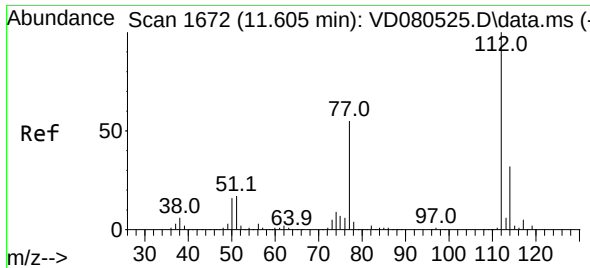


#64
Tetrachloroethene
Concen: 20.012 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



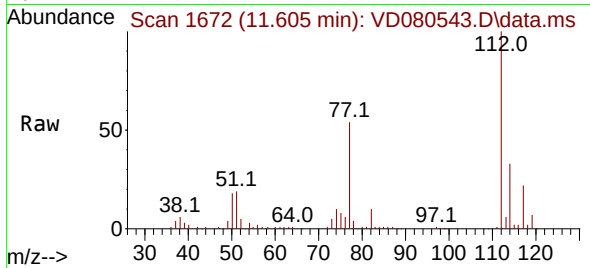
Tgt Ion:164 Resp: 54208
Ion Ratio Lower Upper
164 100
166 127.1 101.2 151.8
129 88.4 74.0 111.0
131 86.8 68.7 103.1





#65
Chlorobenzene
Concen: 19.976 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

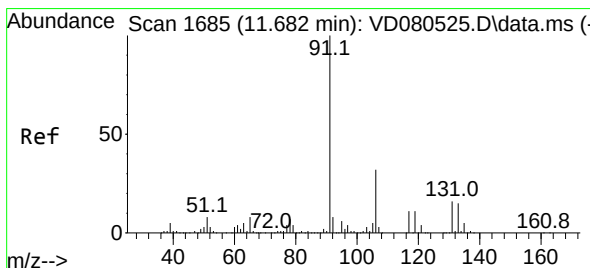
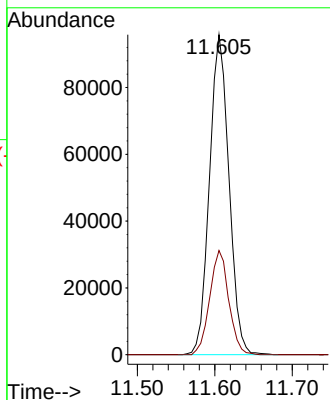
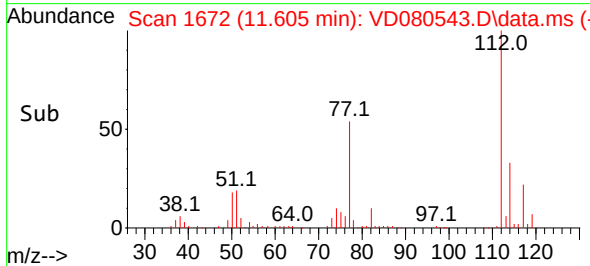
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



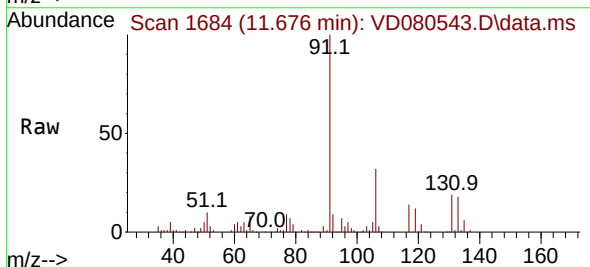
Tgt Ion:112 Resp: 167512
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

Manual Integrations
APPROVED

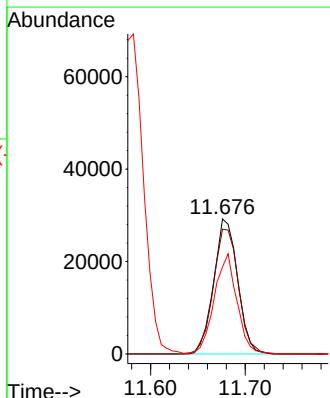
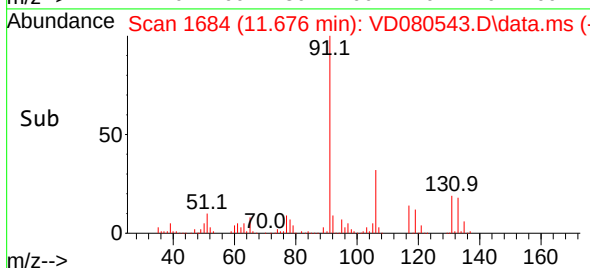
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

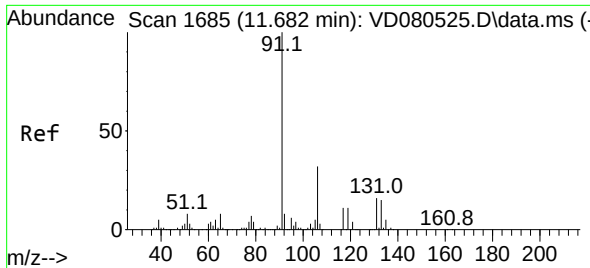


#66
1,1,1,2-Tetrachloroethane
Concen: 19.604 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



Tgt Ion:131 Resp: 51414
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.8
119 70.1 34.4 103.2





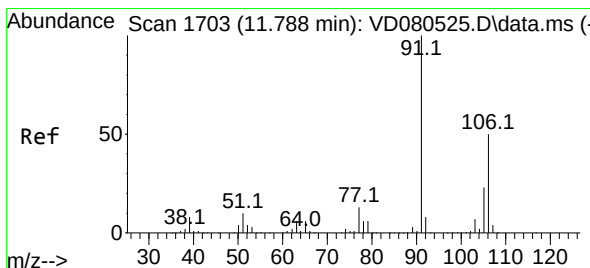
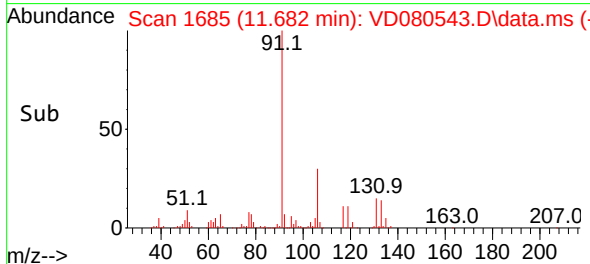
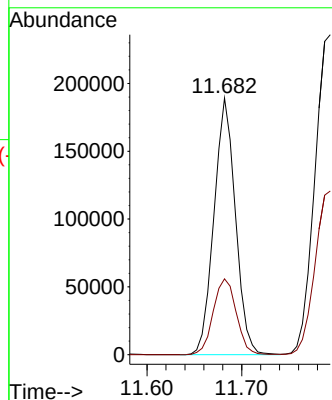
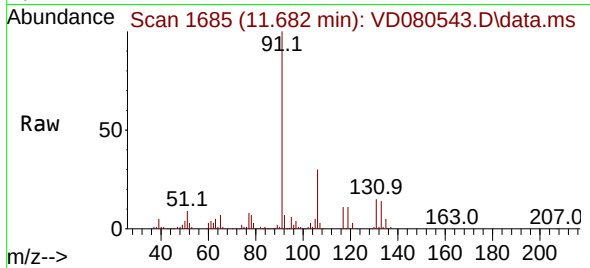
#67
Ethyl Benzene
Concen: 19.584 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01

Tgt Ion: 91 Resp: 297679
Ion Ratio Lower Upper
91 100
106 29.5 25.4 38.0

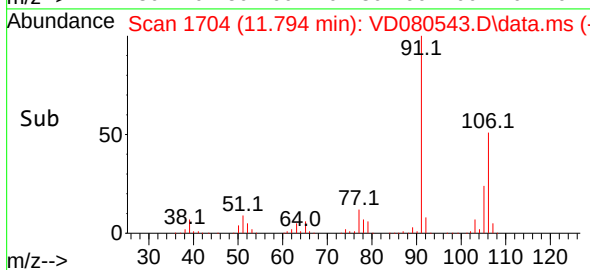
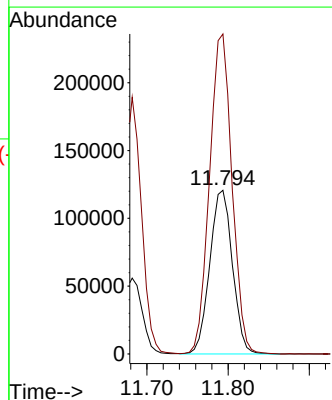
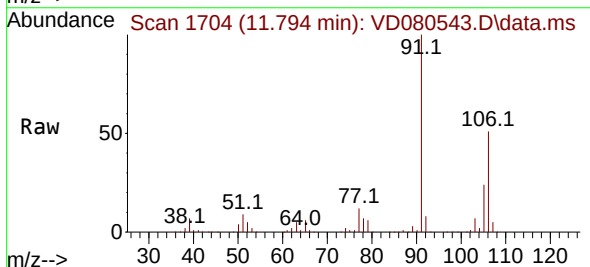
Manual Integrations
APPROVED

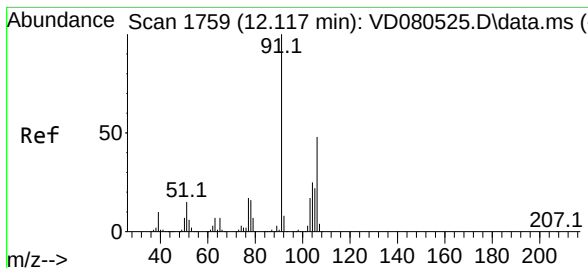
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#68
m/p-Xylenes
Concen: 40.260 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion:106 Resp: 234028
Ion Ratio Lower Upper
106 100
91 193.8 158.7 238.1





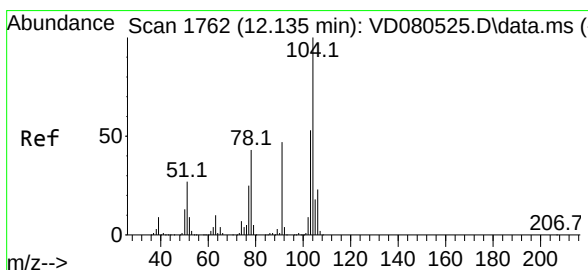
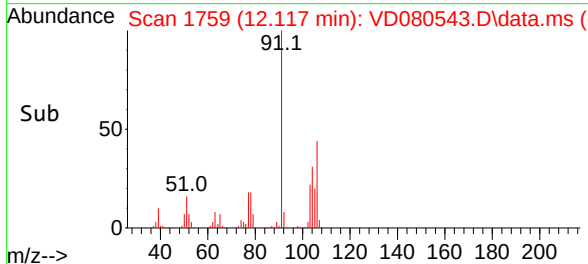
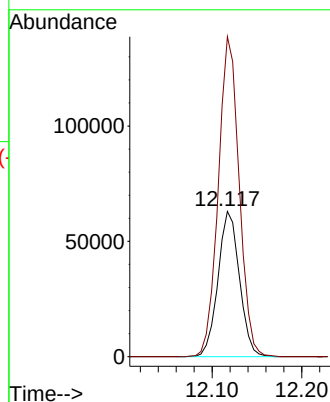
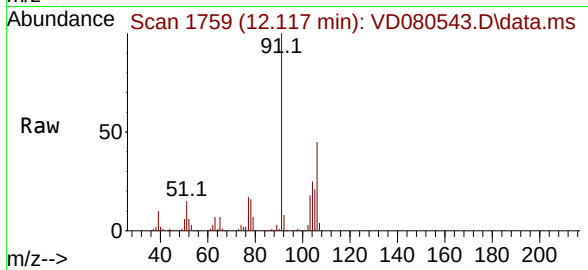
#69
o-Xylene
Concen: 19.431 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion:106 Resp: 104431
Ion Ratio Lower Upper
106 100
91 214.8 105.8 317.3

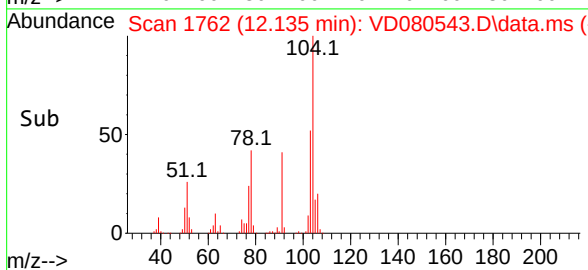
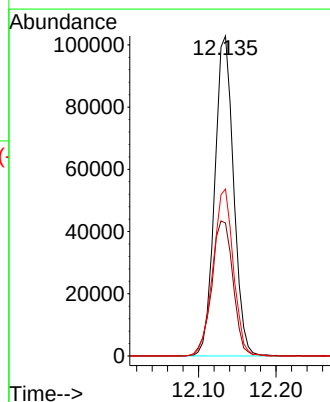
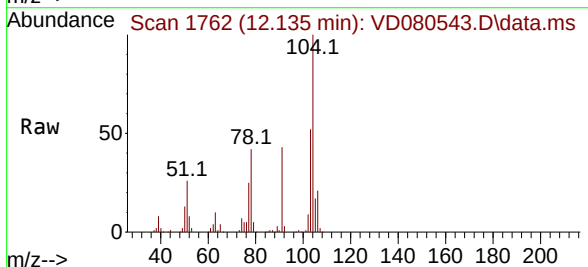
Manual Integrations
APPROVED

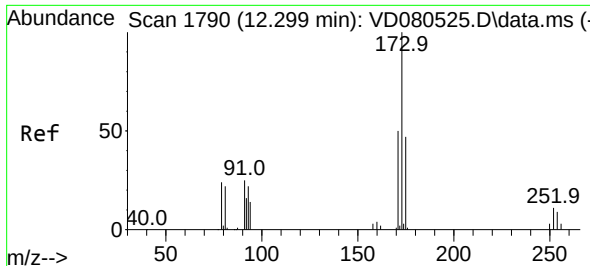
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#70
Styrene
Concen: 19.581 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

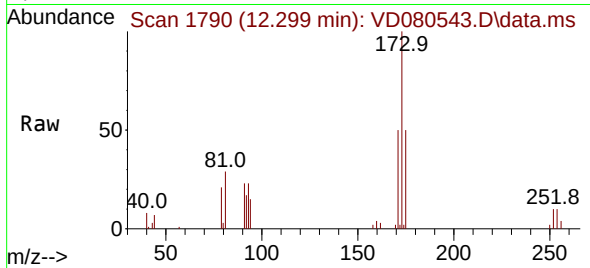
Tgt Ion:104 Resp: 173691
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.8
103 56.2 43.8 65.8





#71
Bromoform
Concen: 20.339 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

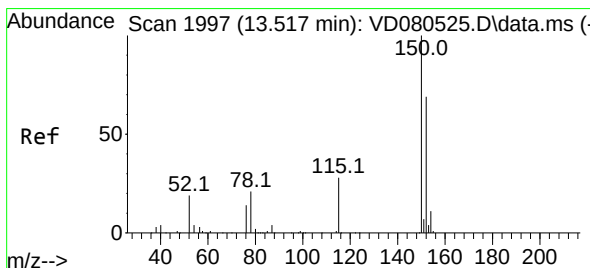
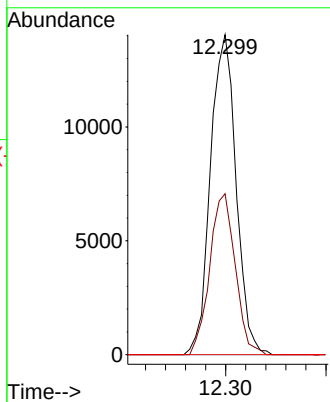
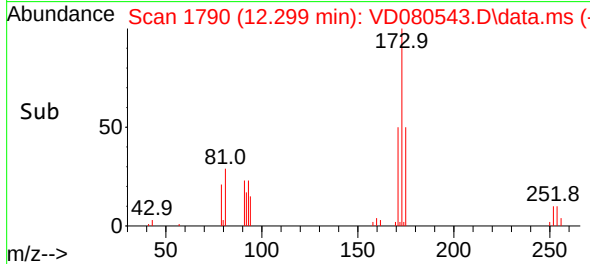
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



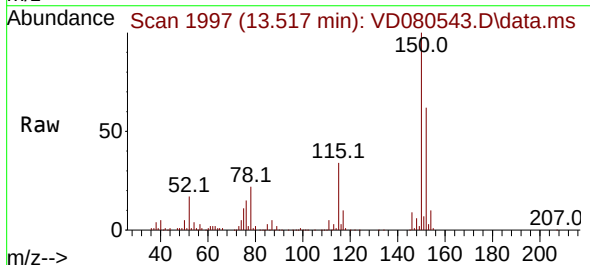
Tgt Ion:173 Resp: 24918
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

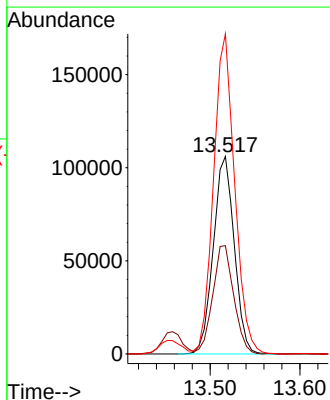
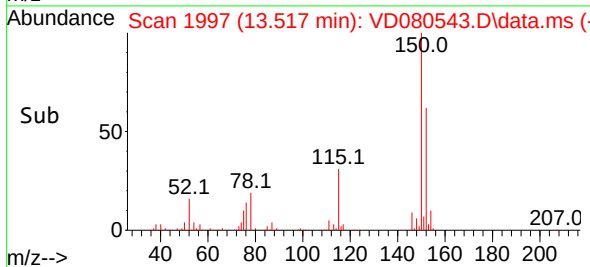
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

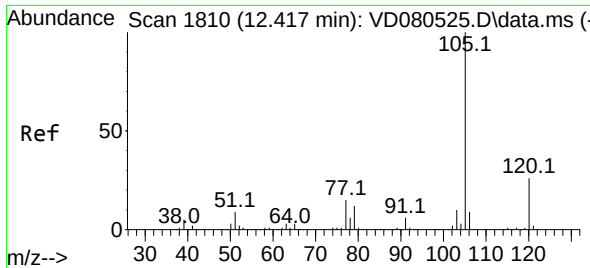


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



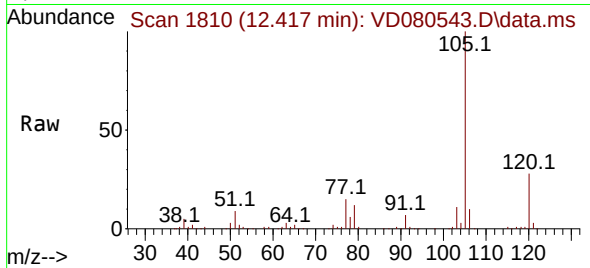
Tgt Ion:152 Resp: 172196
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.3
150 163.3 0.0 345.6





#73
Isopropylbenzene
Concen: 19.366 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

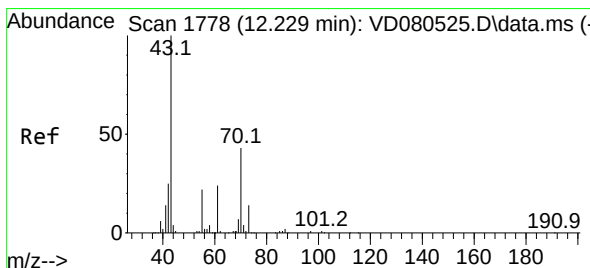
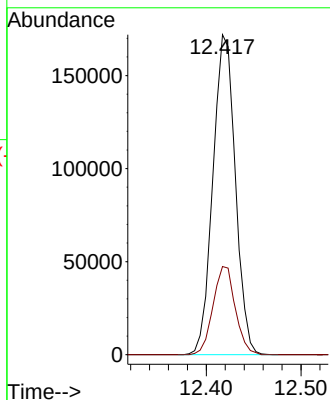
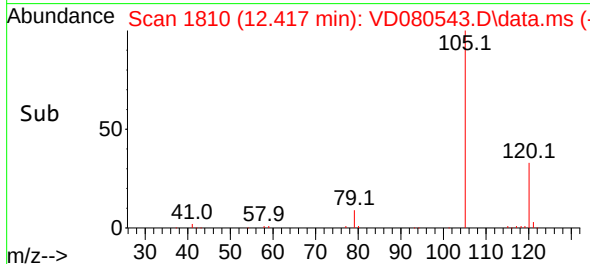
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



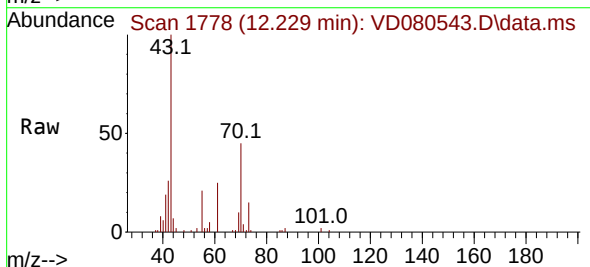
Tgt Ion:105 Resp: 283068
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
APPROVED

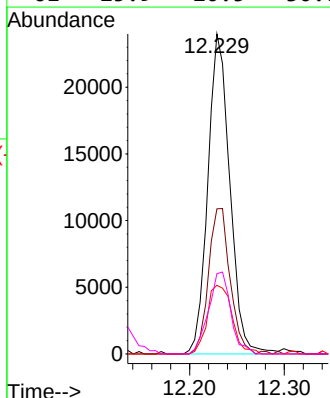
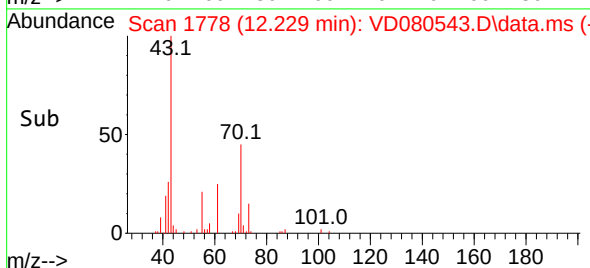
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

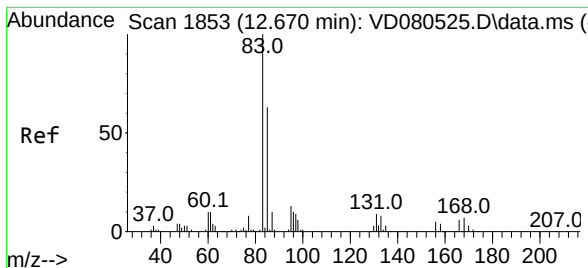


#74
N-ethyl acetate
Concen: 17.075 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



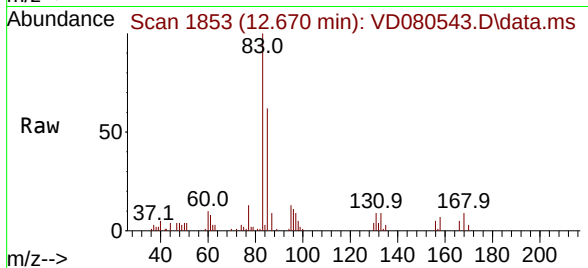
Tgt Ion: 43 Resp: 38687
Ion Ratio Lower Upper
43 100
70 44.8 35.2 52.8
55 24.2 18.4 27.6
61 25.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.677 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

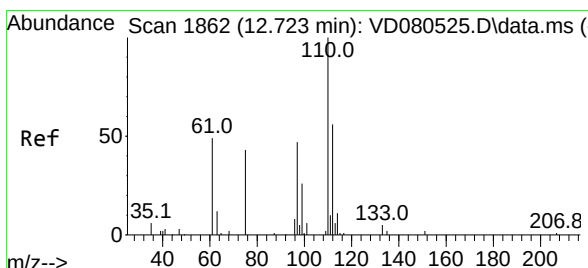
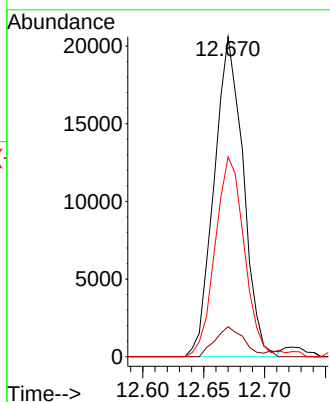
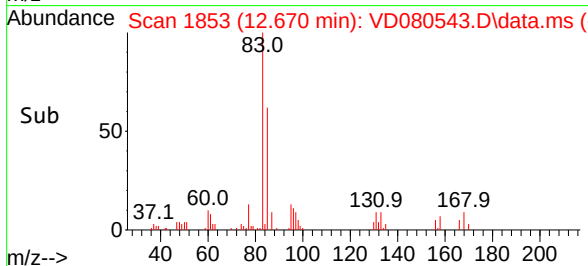
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



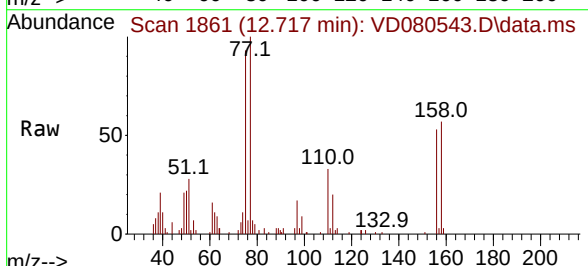
Tgt Ion: 83 Resp: 34239
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 63.6 31.8 95.3

Manual Integrations
APPROVED

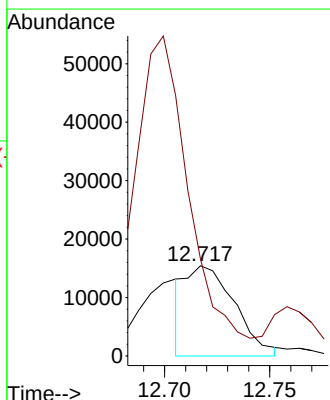
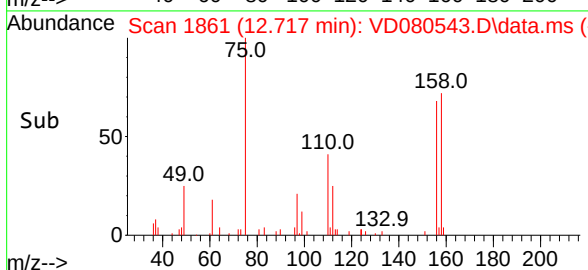
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

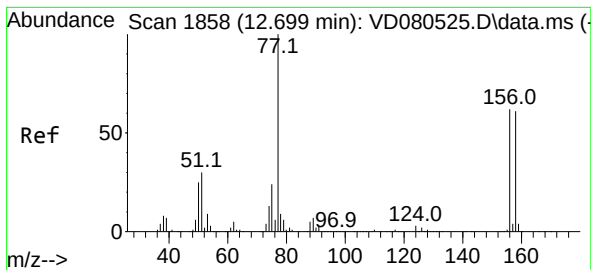


#76
1,2,3-Trichloropropane
Concen: 18.558 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



Tgt Ion: 75 Resp: 24890
Ion Ratio Lower Upper
75 100
77 404.2 0.0 0.0#





#77

Bromobenzene

Concen: 19.520 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

Tgt Ion:156 Resp: 60564

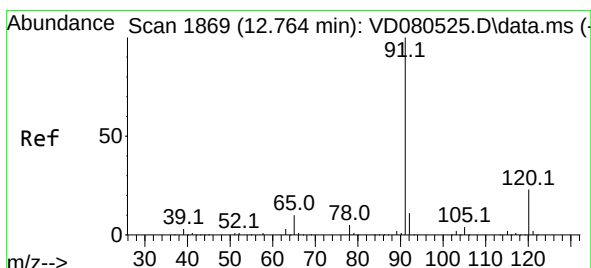
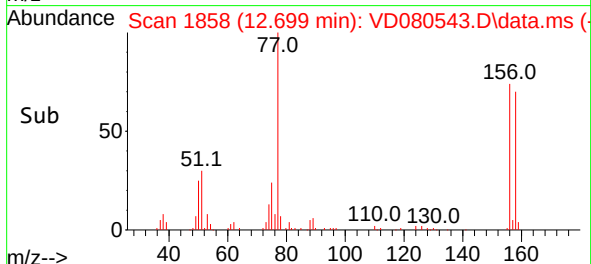
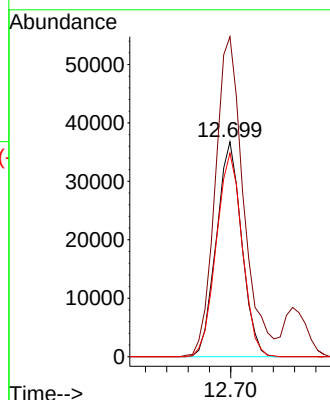
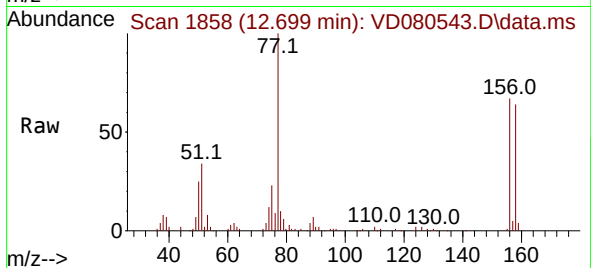
Ion	Ratio	Lower	Upper
156	100		
77	166.1	85.3	255.9
158	97.0	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#78

n-propylbenzene

Concen: 19.583 ug/l

RT: 12.758 min Scan# 1868

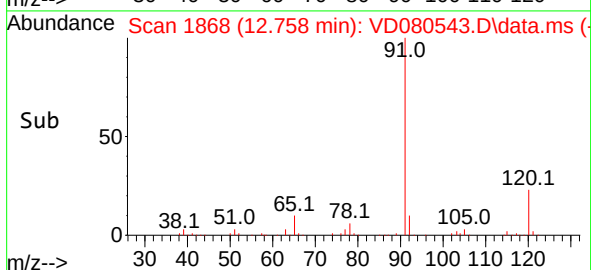
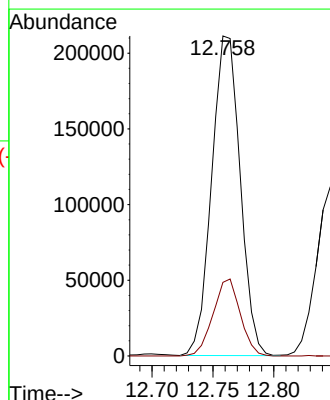
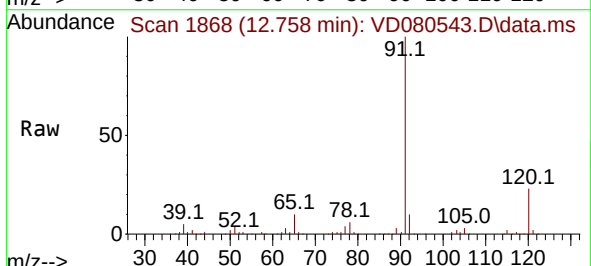
Delta R.T. -0.006 min

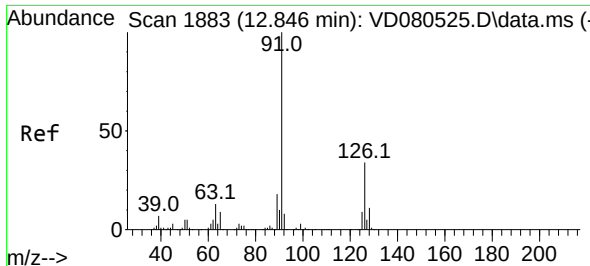
Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Tgt Ion: 91 Resp: 343395

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.2





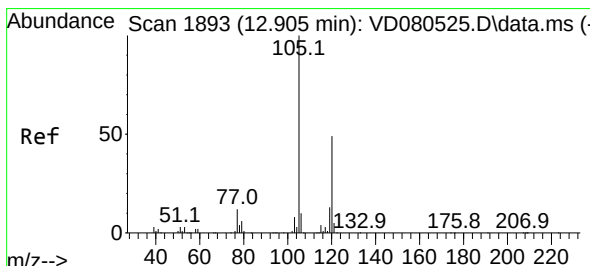
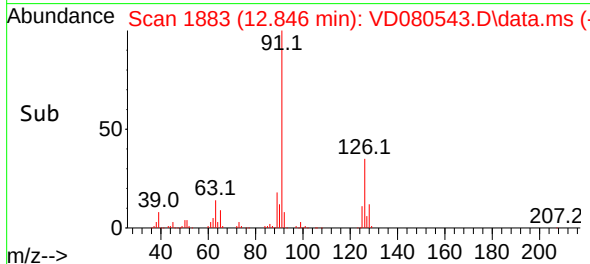
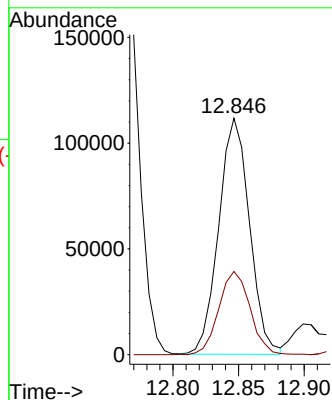
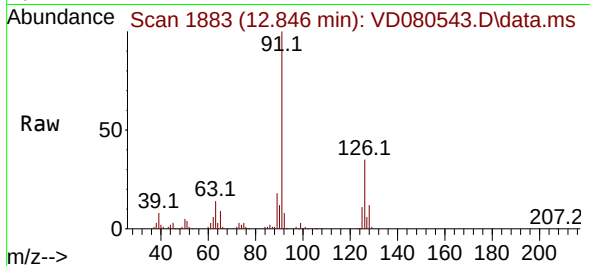
#79
2-Chlorotoluene
Concen: 18.922 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 91 Resp: 18254
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.2

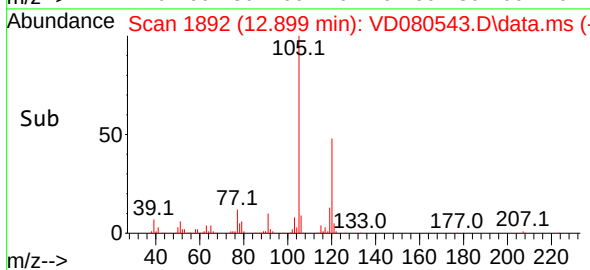
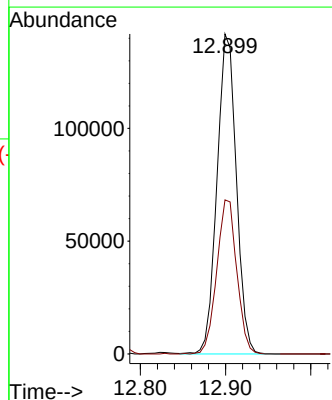
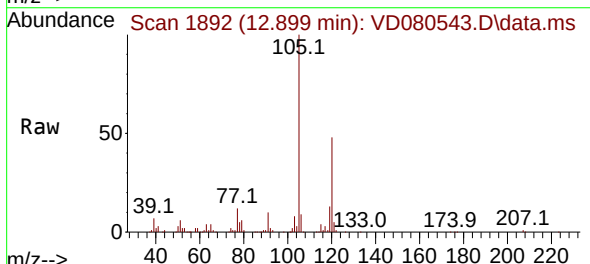
Manual Integrations
APPROVED

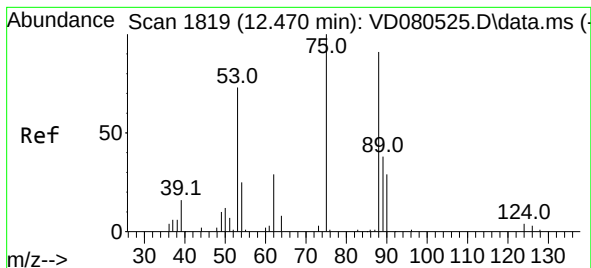
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.377 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion:105 Resp: 223898
Ion Ratio Lower Upper
105 100
120 49.8 24.6 74.0





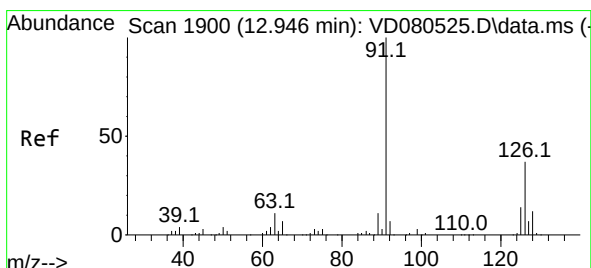
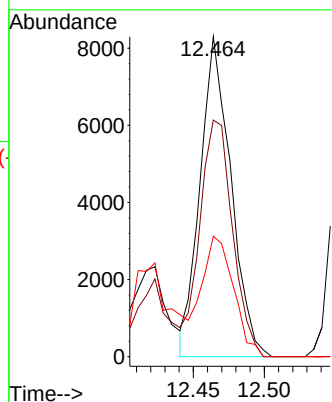
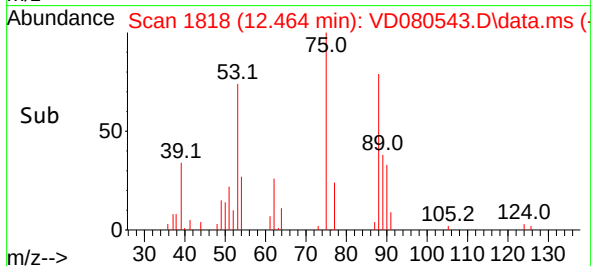
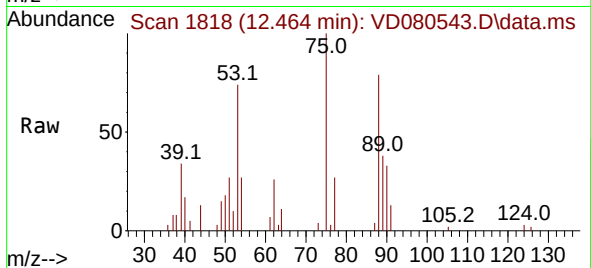
#81
trans-1,4-Dichloro-2-butene
Concen: 17.804 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tgt Ion: 75 Resp: 12504
Ion Ratio Lower Upper
75 100
53 78.7 62.8 94.2
89 38.9 36.6 54.8

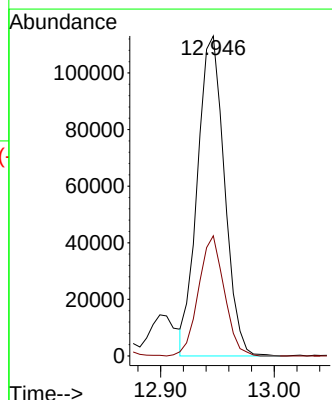
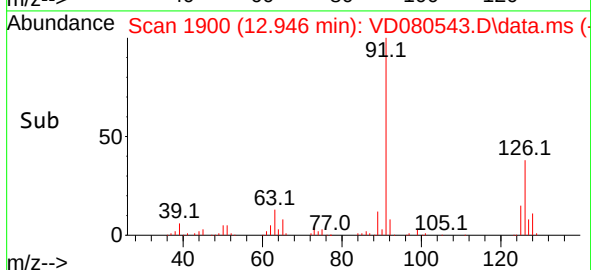
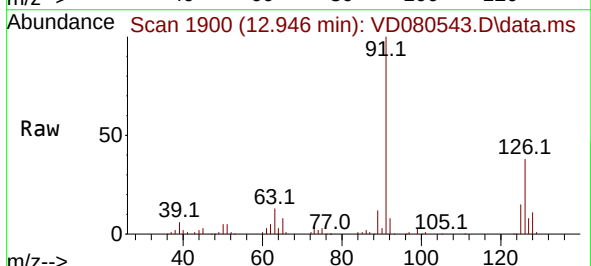
Manual Integrations
APPROVED

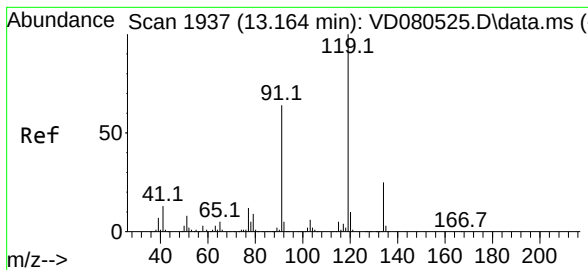
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#82
4-Chlorotoluene
Concen: 19.070 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Tgt Ion: 91 Resp: 187029
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.2





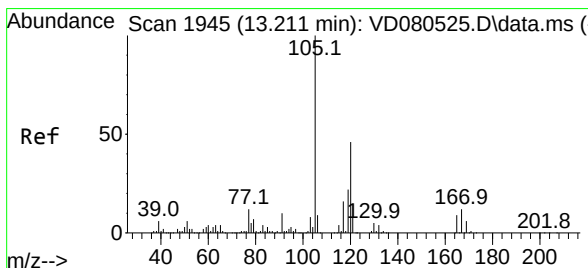
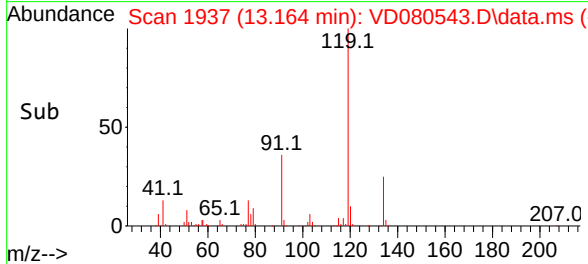
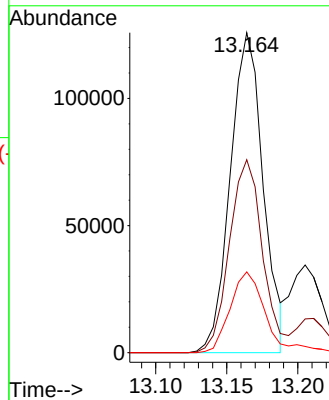
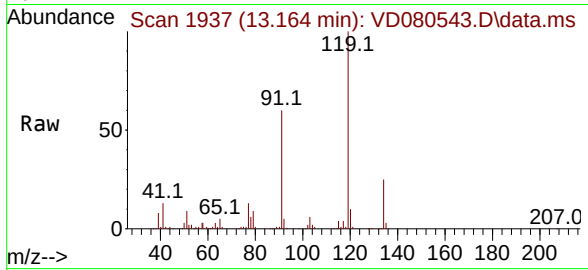
#83
 tert-Butylbenzene
 Concen: 19.465 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBSD01

Tgt Ion:119 Resp: 202239
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.4 91.3
 134 27.4 13.1 39.3

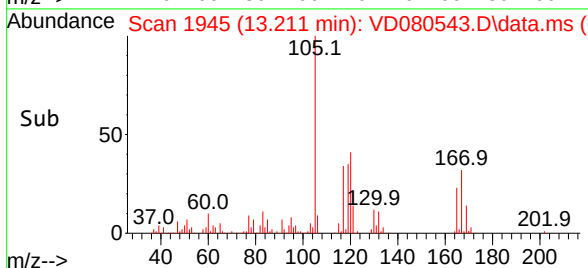
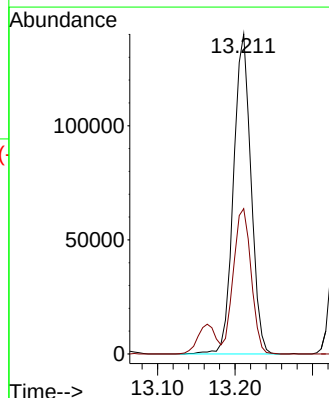
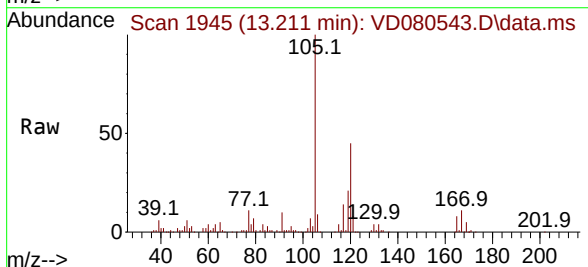
Manual Integrations
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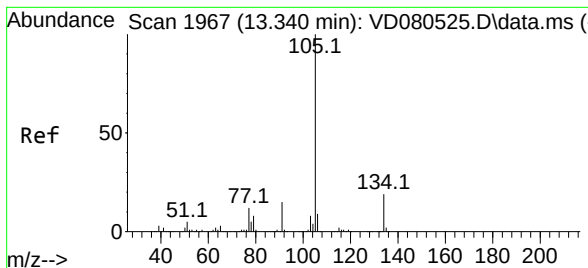
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 19.327 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion:105 Resp: 219743
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1





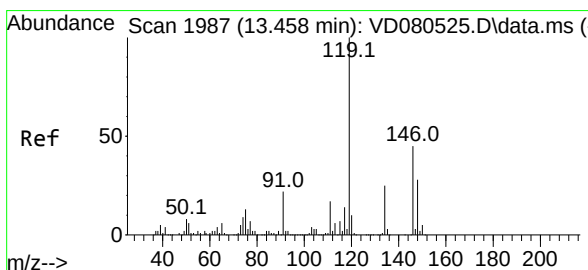
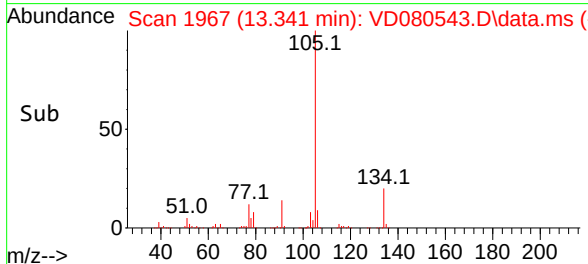
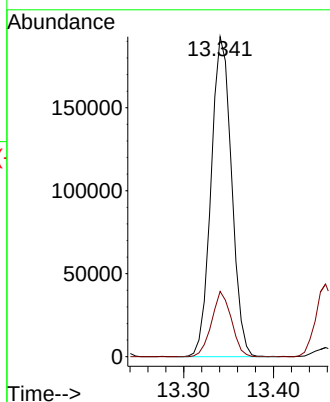
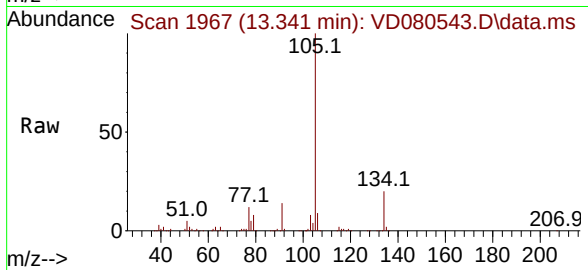
#85
 sec-Butylbenzene
 Concen: 19.881 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBSD01

Tgt Ion:105 Resp: 305818
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

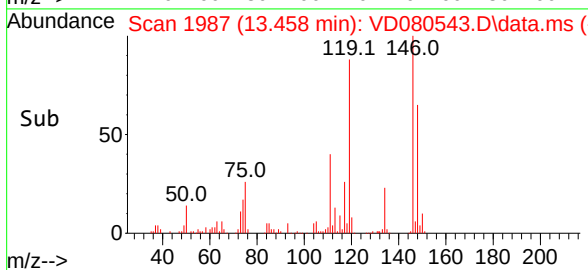
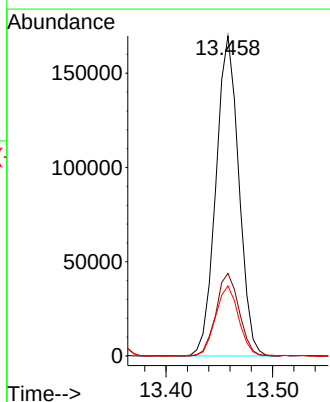
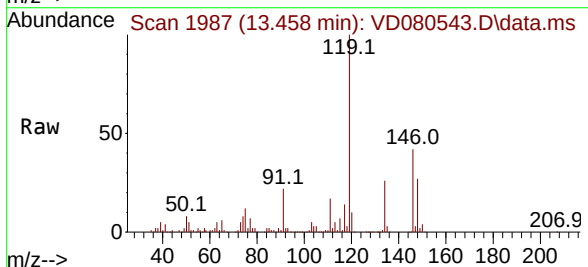
Manual Integrations
 APPROVED

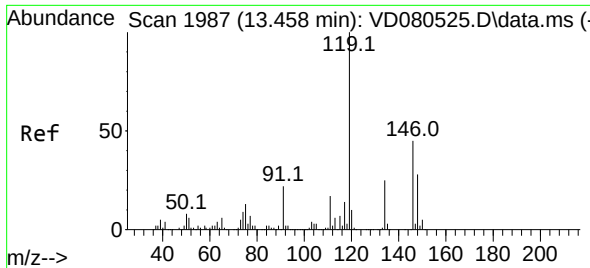
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#86
 p-Isopropyltoluene
 Concen: 19.849 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion:119 Resp: 253193
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 22.2 11.1 33.1





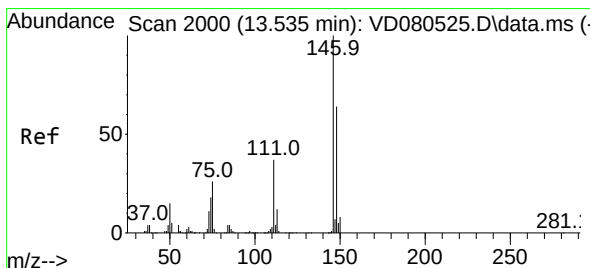
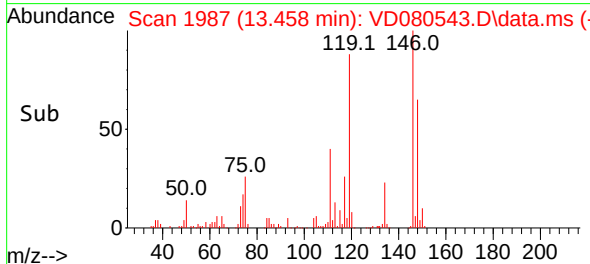
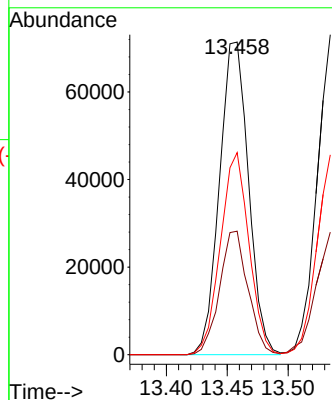
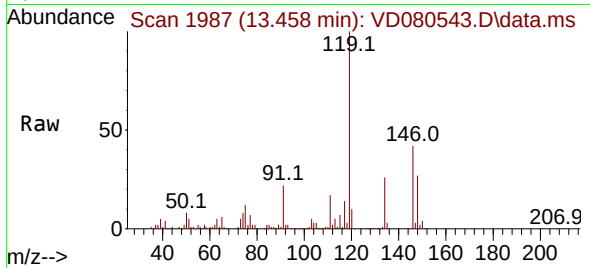
#87
 1,3-Dichlorobenzene
 Concen: 19.267 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBSD01

Tgt Ion:146 Resp: 118768
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 63.4 31.4 94.0

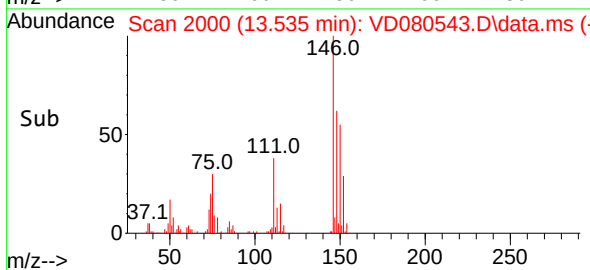
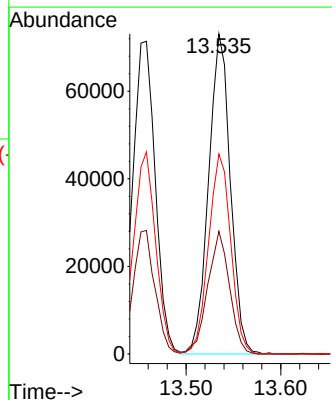
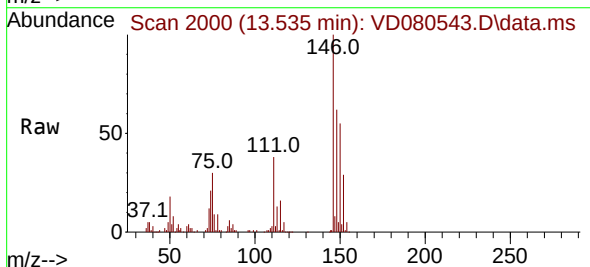
Manual Integrations
 APPROVED

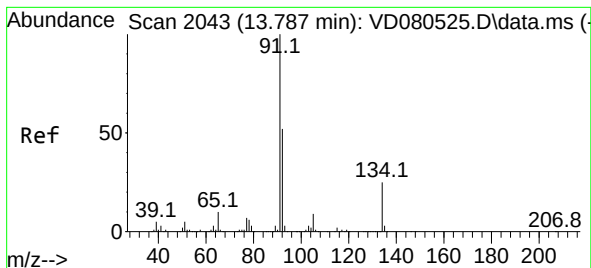
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#88
 1,4-Dichlorobenzene
 Concen: 19.362 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080543.D
 Acq: 19 Nov 2025 10:45

Tgt Ion:146 Resp: 116711
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.386 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.006 min

Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBSD01

Tgt Ion: 91 Resp: 23580

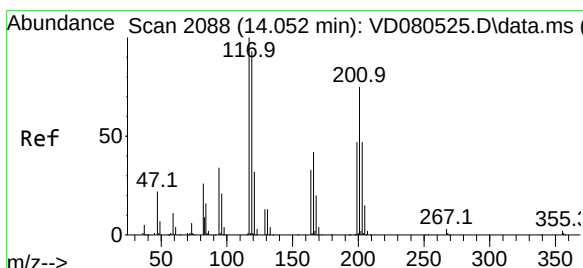
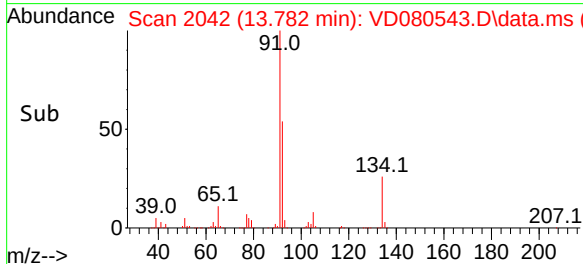
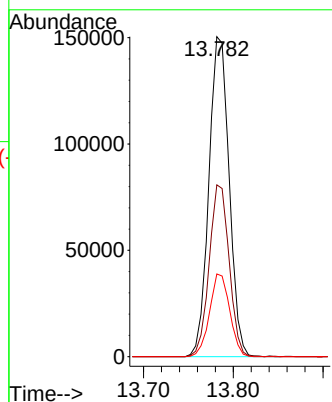
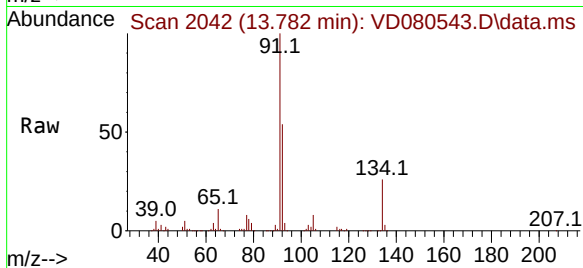
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	25.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#90

Hexachloroethane

Concen: 18.908 ug/l

RT: 14.052 min Scan# 2088

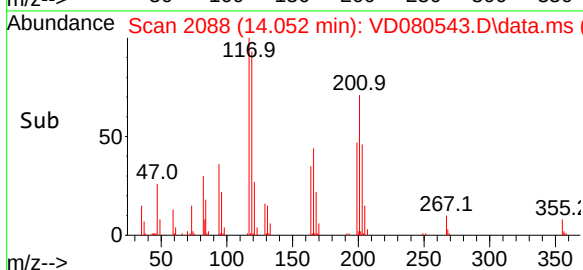
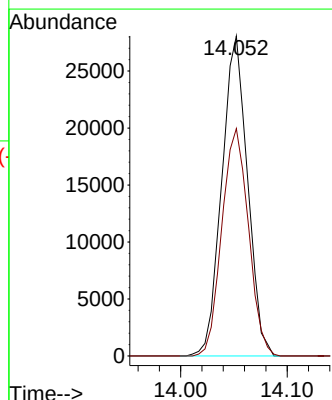
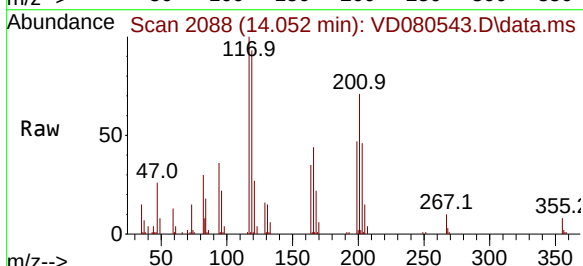
Delta R.T. 0.000 min

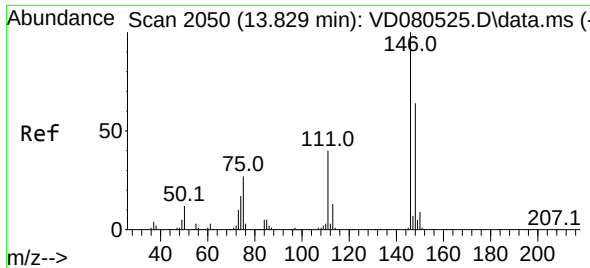
Lab File: VD080543.D

Acq: 19 Nov 2025 10:45

Tgt Ion:117 Resp: 47049

Ion	Ratio	Lower	Upper
117	100		
201	73.4	36.7	110.1





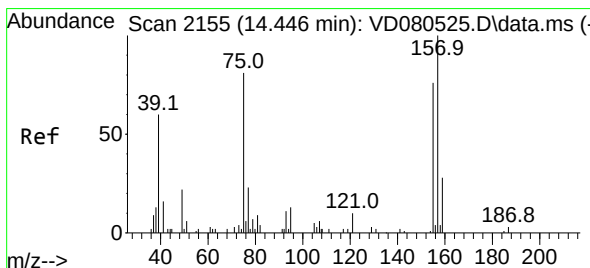
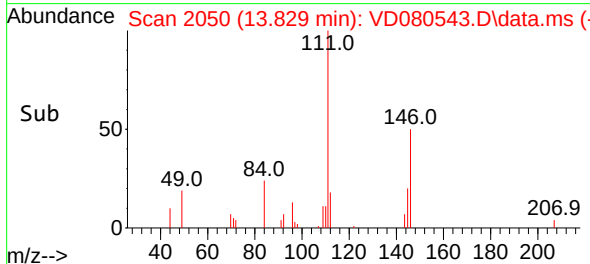
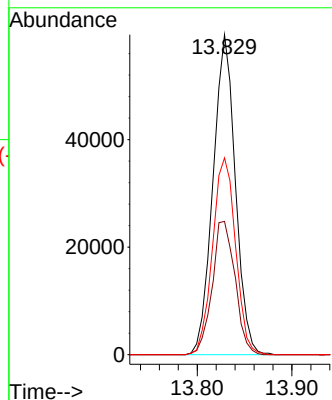
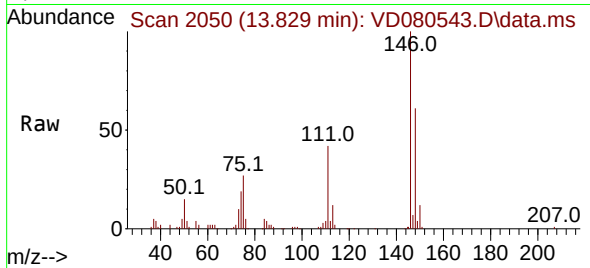
#91
1,2-Dichlorobenzene
Concen: 19.170 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01

Tgt Ion:146 Resp: 9766
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.8
148 63.3 32.2 96.6

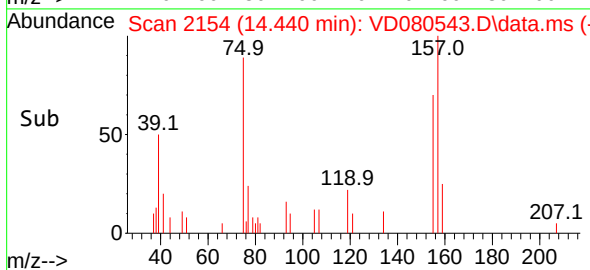
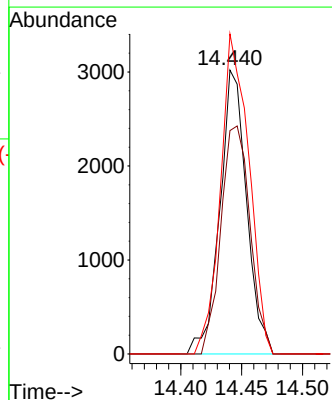
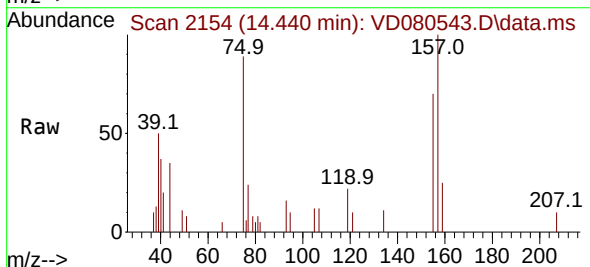
Manual Integrations
APPROVED

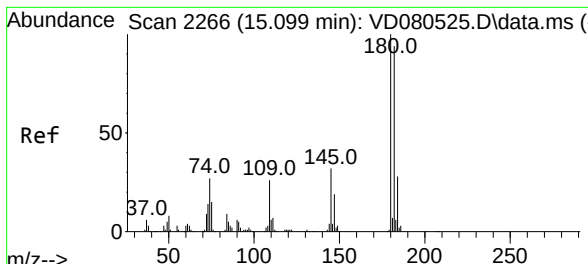
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.268 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

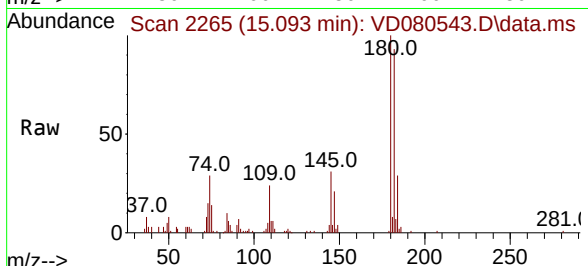
Tgt Ion: 75 Resp: 4611
Ion Ratio Lower Upper
75 100
155 87.7 46.4 139.2
157 119.8 59.6 178.7





#93
1,2,4-Trichlorobenzene
Concen: 19.260 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

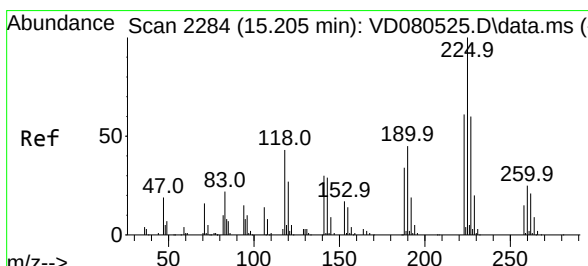
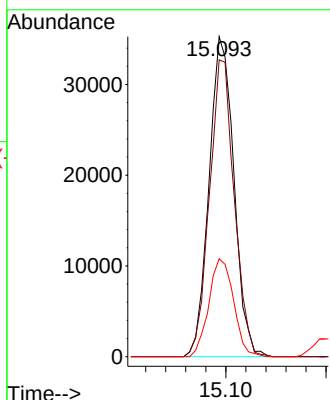
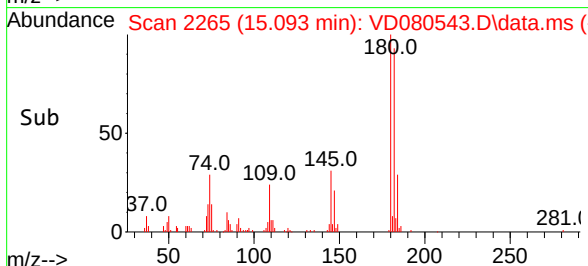
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01



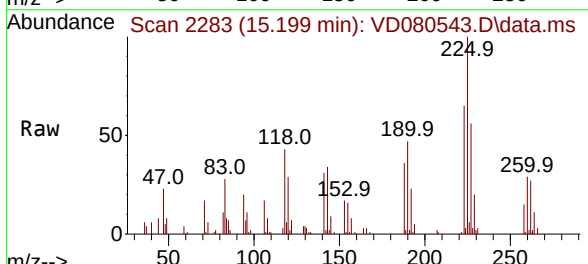
Tgt Ion:180 Resp: 60594
Ion Ratio Lower Upper
180 100
182 92.6 47.1 141.4
145 30.6 14.7 44.1

Manual Integrations
APPROVED

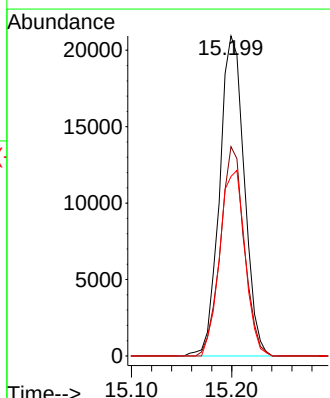
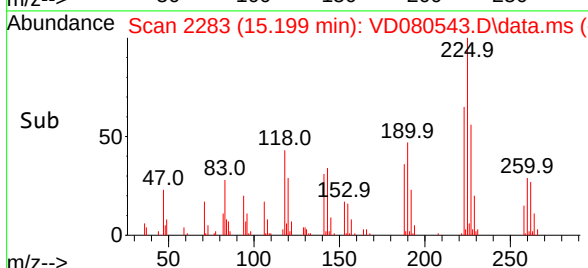
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

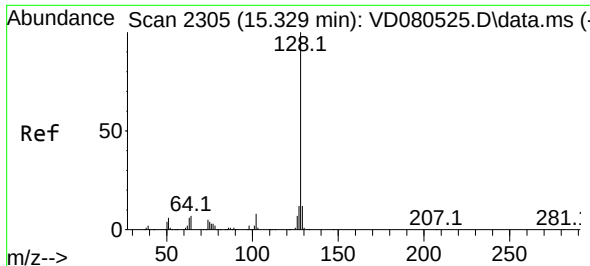


#94
Hexachlorobutadiene
Concen: 20.401 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



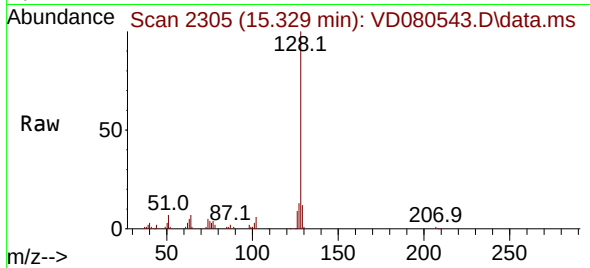
Tgt Ion:225 Resp: 35738
Ion Ratio Lower Upper
225 100
223 63.1 31.4 94.0
227 59.6 31.9 95.5





#95
Naphthalene
Concen: 18.307 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45

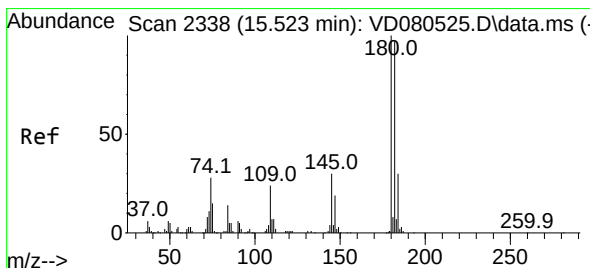
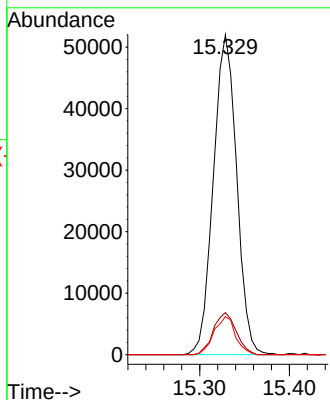
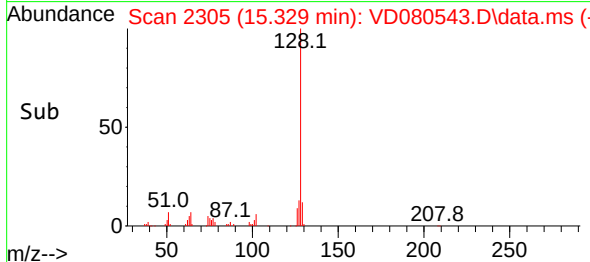
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBSD01



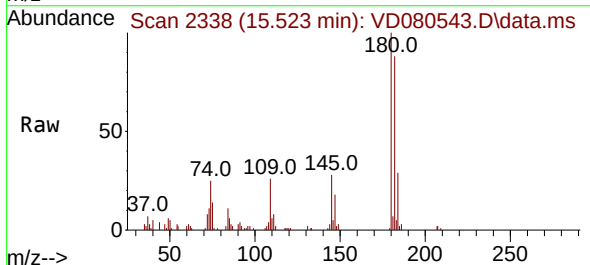
Tgt Ion:	128	Resp:	9372
Ion Ratio	Lower	Upper	
128	100		
127	13.2	9.8	14.6
129	11.9	9.2	13.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.877 ug/l
RT: 15.523 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VD080543.D
Acq: 19 Nov 2025 10:45



Tgt Ion:	180	Resp:	48111
Ion Ratio	Lower	Upper	
180	100		
182	97.6	48.4	145.2
145	33.1	15.9	47.6

