

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063514.D
 Acq On : 16 Jul 2025 11:00
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:24:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	26058	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9401	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8923	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37785	4.918	ug/l	100
3) Chloromethane	1.518	50	35181	4.926	ug/l	99
4) Vinyl Chloride	1.599	62	44244	4.864	ug/l	99
5) Bromomethane	1.846	94	32799	4.782	ug/l	100
6) Chloroethane	1.923	64	26955	4.908	ug/l	99
7) Trichlorofluoromethane	2.129	101	64344	4.927	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	34008	4.983	ug/l	99
9) 1,1-Dichloroethene	2.566	96	33329	4.927	ug/l	98
10) Iodomethane	2.708	142	39902	4.500	ug/l	99
11) Allyl Chloride	2.907	41	46826	4.791	ug/l	97
12) Acrylonitrile	3.306	53	16229	9.586	ug/l	99
13) Acetone	2.618	43	29387	21.677	ug/l	98
14) Carbon Disulfide	2.779	76	106742	4.885	ug/l	99
15) Methylene Chloride	3.029	84	37774	4.742	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	37017	4.818	ug/l	96
17) 1,1-Dichloroethane	3.849	63	70167	4.927	ug/l	98
18) 2-Butanone	4.714	43	48390	23.049	ug/l	100
19) Cyclohexane	5.361	56	58522	4.854	ug/l	100
20) Methylcyclohexane	6.740	83	52941	4.517	ug/l	98
21) 2,2-Dichloropropane	4.644	77	56419	4.653	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	40321	4.836	ug/l	99
23) Diethyl Ether	2.370	59	25929	5.030	ug/l	99
24) tert-Butyl Alcohol	3.190	59	29561	47.503	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	86741	4.911	ug/l	98
26) Bromochloromethane	4.955	128	17243	4.953	ug/l	95
27) Chloroform	5.071	83	70739	4.868	ug/l	100
28) 1,1,1-Trichloroethane	5.293	97	61347	4.974	ug/l	99
29) 1,1-Dichloropropene	5.505	75	55976	4.899	ug/l	99
30) Carbon Tetrachloride	5.499	117	49682	5.005	ug/l	100
31) Isopropyl Ether	3.994	45	105534	4.909	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	94505	4.751	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	84936	4.920	ug/l	99
34) Propionitrile	4.775	54	16304	25.489	ug/l	96
35) Benzene	5.753	78	156970	5.113	ug/l	96
36) 1,2-Dichloroethane	5.782	62	48312	5.065	ug/l	100
37) Trichloroethene	6.525	130	35295	4.506	ug/l	94
38) 1,2-Dichloropropane	6.782	63	33611	4.678	ug/l	98
39) Methacrylonitrile	4.972	41	12545	4.468	ug/l	96
40) Methyl acrylate	4.846	55	19739	4.749	ug/l	98
41) Tetrahydrofuran	5.058	42	13119	8.771	ug/l	99
42) 1-Chlorobutane	5.438	56	75929	4.999	ug/l	93
43) Dibromomethane	6.907	93	17942	4.821	ug/l	95
44) Bromodichloromethane	7.094	83	40349	4.807	ug/l	98

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 Sample : VSTDIC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

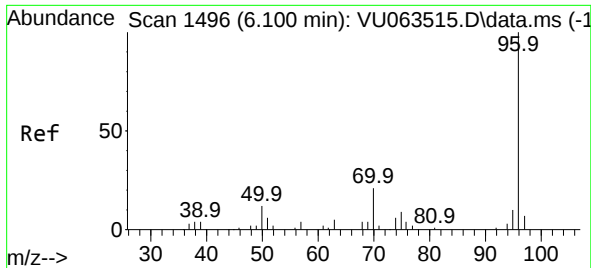
Manual Integrations
 APPROVED

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 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:24:14 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	95213	24.821	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	13369m	9.823	ug/l	
47) Methyl methacrylate	6.965	69	30554	9.775	ug/l	97
48) Ethyl methacrylate	8.335	69	29487	4.943	ug/l	95
49) Toluene	7.959	92	83681	4.993	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	32573	4.946	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	43517	4.923	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	24935	4.976	ug/l	98
53) 1,3-Dichloropropane	8.569	76	42938	4.964	ug/l	98
54) 2-Hexanone	8.688	43	62636	24.583	ug/l	99
55) Dibromochloromethane	8.801	129	26834	5.067	ug/l	98
56) 1,2-Dibromoethane	8.917	107	22293	4.971	ug/l	100
58) Tetrachloroethene	8.544	164	35190	4.909	ug/l	98
59) Chlorobenzene	9.441	112	95389	4.955	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	30337	4.901	ug/l	98
61) Pentachloroethane	11.418	117	21959	5.020	ug/l	96
62) Hexachloroethane	12.466	117	22137	5.110	ug/l	97
63) Ethyl Benzene	9.563	91	163996	4.951	ug/l	99
64) m/p-Xylenes	9.685	106	127196	9.878	ug/l	98
65) o-Xylene	10.090	106	61641	4.982	ug/l	98
66) Styrene	10.106	104	99507	5.046	ug/l	98
67) Bromoform	10.283	173	13680	5.030	ug/l	99
69) Isopropylbenzene	10.476	105	149628	5.002	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	29913	4.906	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	23113m	4.645	ug/l	
72) Bromobenzene	10.775	156	38144	4.941	ug/l	99
73) n-propylbenzene	10.897	120	44825	4.978	ug/l	96
74) 2-Chlorotoluene	10.978	126	39249	4.932	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	143599	5.025	ug/l	100
76) 4-Chlorotoluene	11.090	126	40518	5.014	ug/l	100
77) tert-Butylbenzene	11.412	119	135731	4.970	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	142811	5.038	ug/l	99
79) sec-Butylbenzene	11.634	105	184683	5.015	ug/l	100
80) Nitrobenzene	13.206	77	2721	23.955	ug/l #	90
81) p-Isopropyltoluene	11.785	119	156566	5.093	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	77340	5.007	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	76910	4.975	ug/l	99
84) n-Butylbenzene	12.200	91	145033	5.087	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	71942	4.958	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	4378	4.863	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	44492	4.931	ug/l	99
88) Hexachlorobutadiene	14.013	225	25355	4.948	ug/l	99
89) Naphthalene	14.081	128	76448	4.728	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	41834	5.017	ug/l	99

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



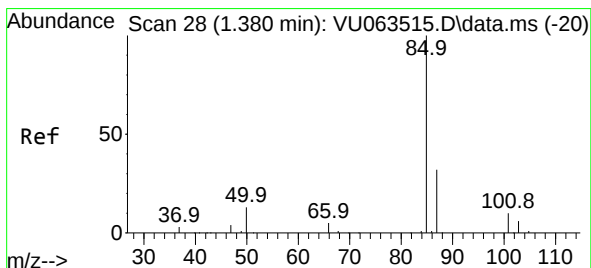
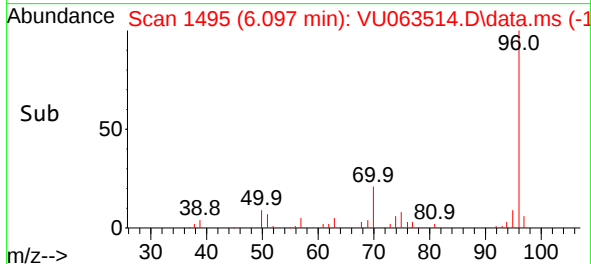
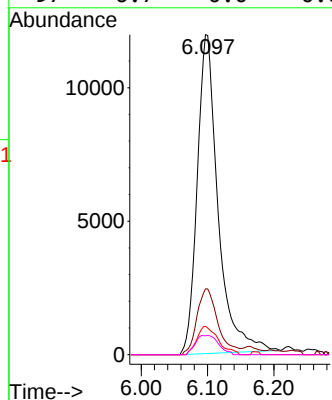
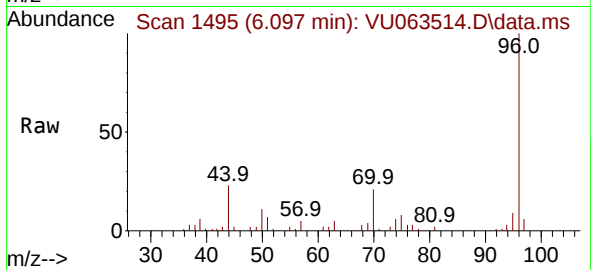
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 26058
Ion Ratio Lower Upper
96 100
70 18.6 15.0 22.4
95 9.1 7.4 11.0
97 6.7 0.0 0.0#

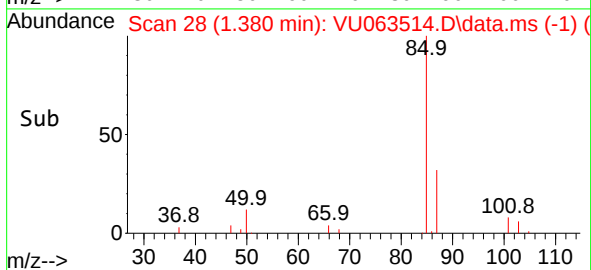
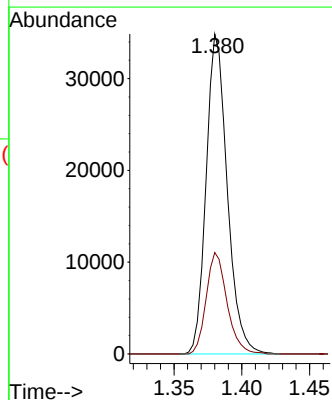
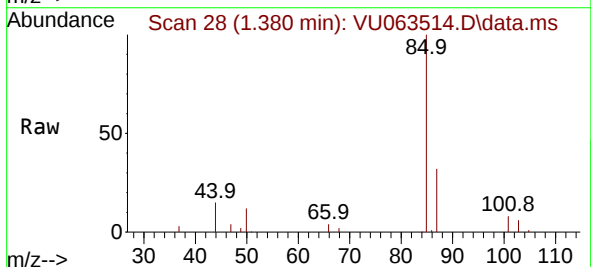
Manual Integrations
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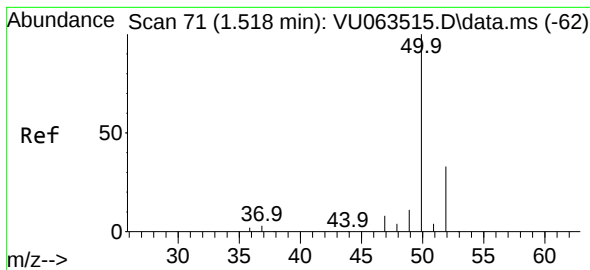
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 4.918 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

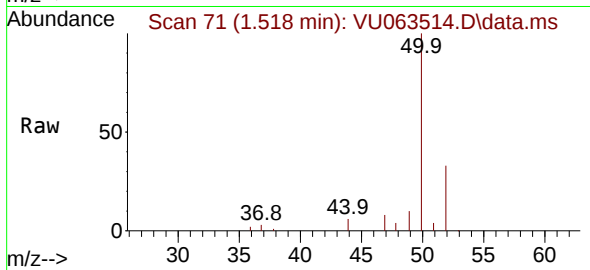
Tgt Ion: 85 Resp: 37785
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9





#3
Chloromethane
Concen: 4.926 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

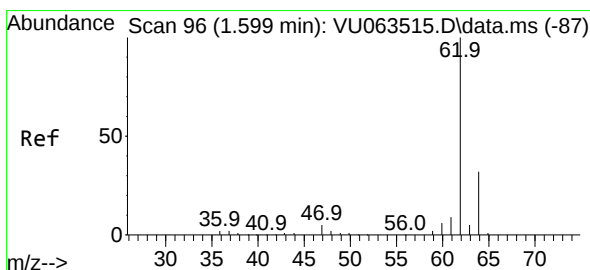
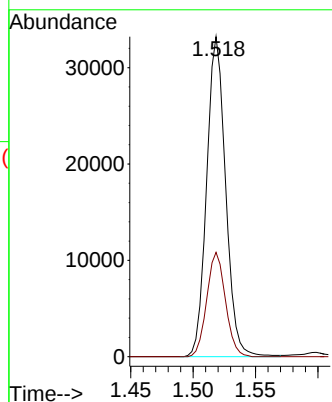
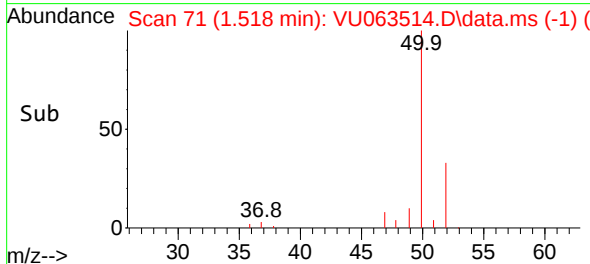
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



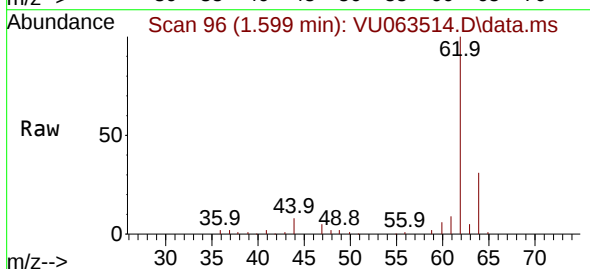
Tgt Ion: 50 Resp: 3518
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

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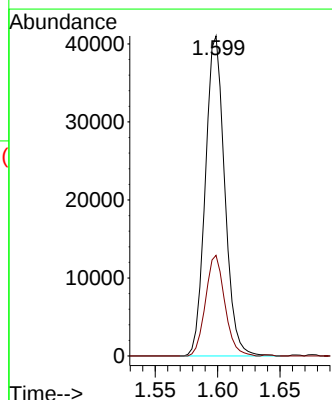
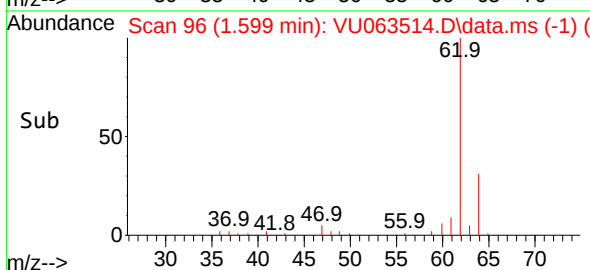
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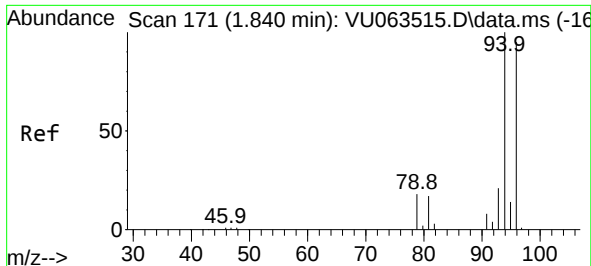


#4
Vinyl Chloride
Concen: 4.864 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



Tgt Ion: 62 Resp: 44244
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5





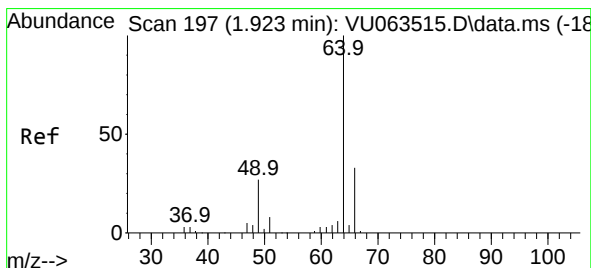
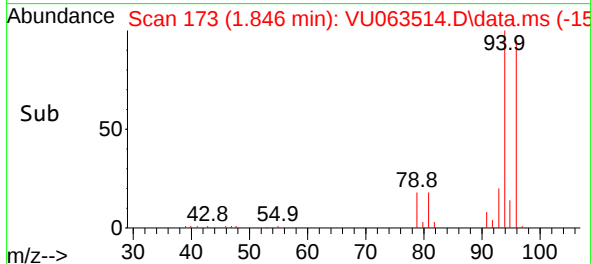
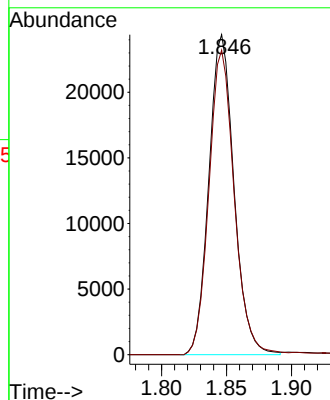
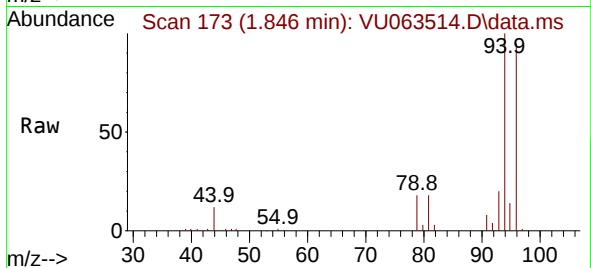
#5
Bromomethane
Concen: 4.782 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.006 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 32799
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

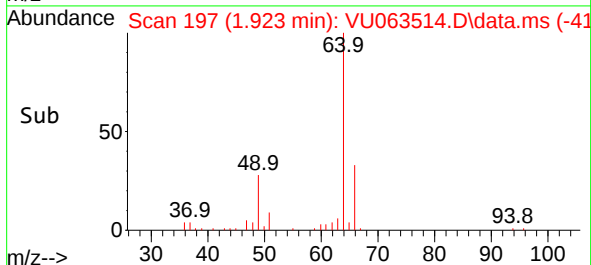
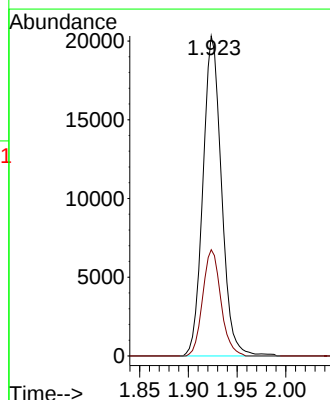
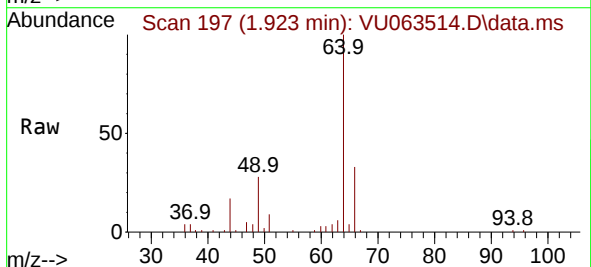
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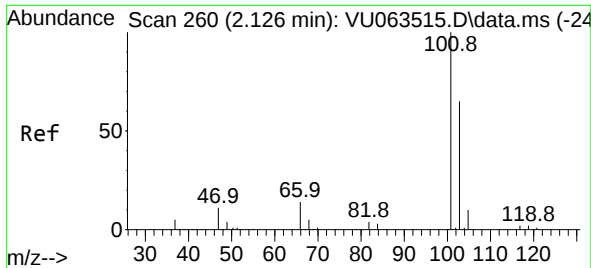
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 4.908 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

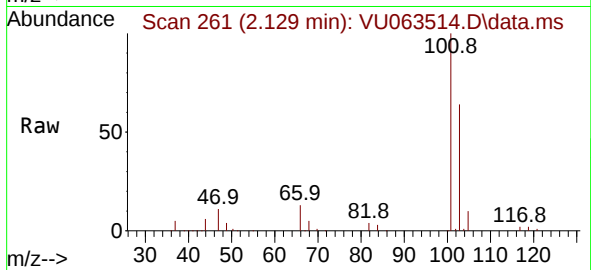
Tgt Ion: 64 Resp: 26955
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 4.927 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

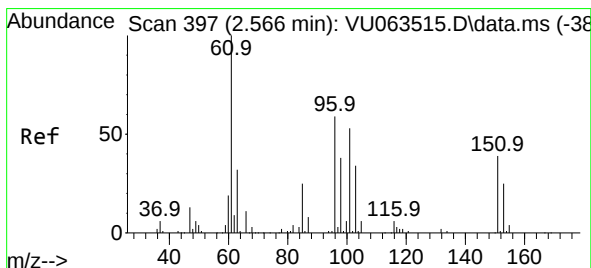
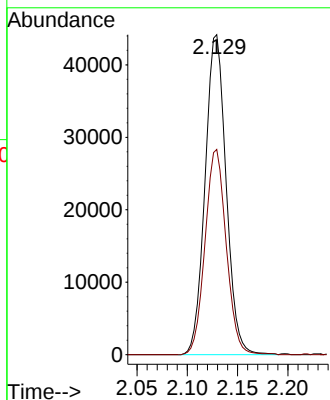
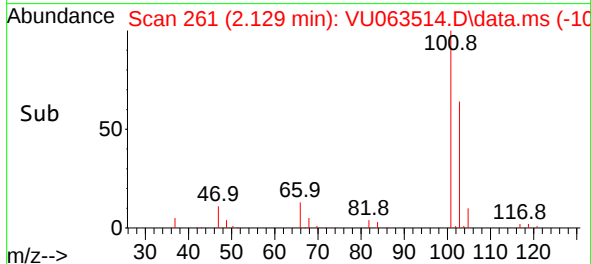
Instrument :
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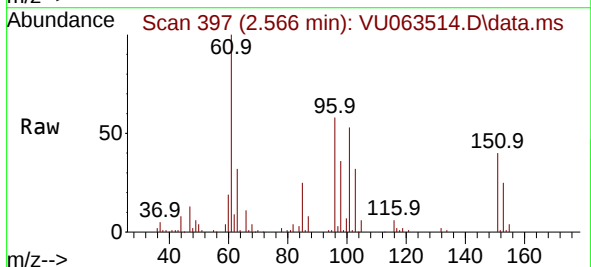
Tgt Ion:101 Resp: 64344
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

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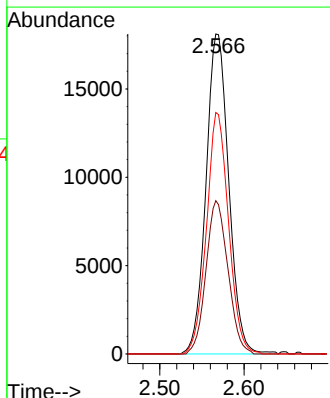
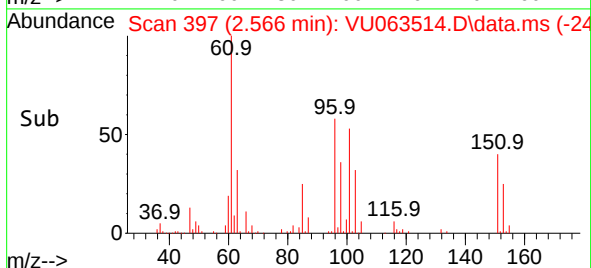
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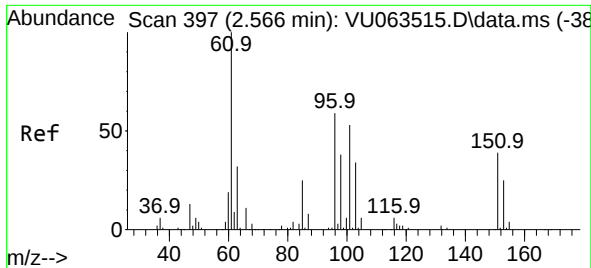


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.983 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00



Tgt Ion:101 Resp: 34008
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.8 56.6
 151 73.2 59.2 88.8





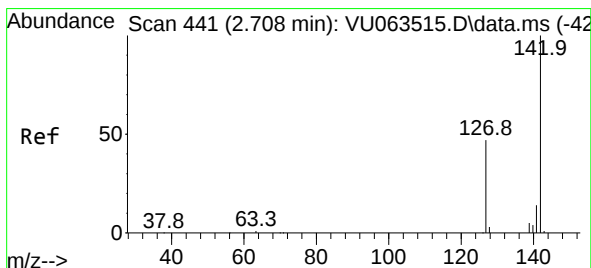
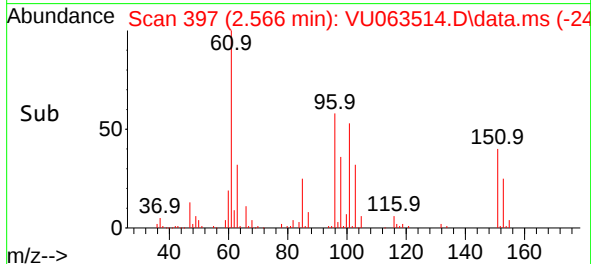
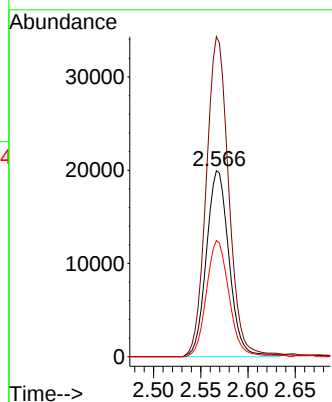
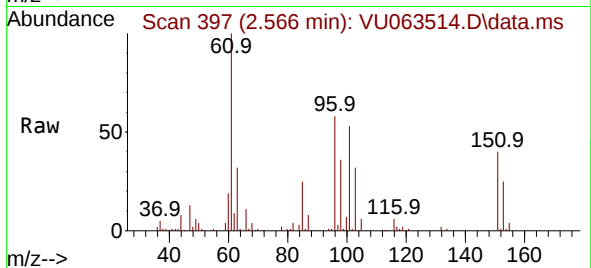
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1,1-Dichloroethene
Concen: 4.927 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 33329
Ion Ratio Lower Upper
96 100
61 172.1 0.0 504.3
98 62.5 0.0 126.8

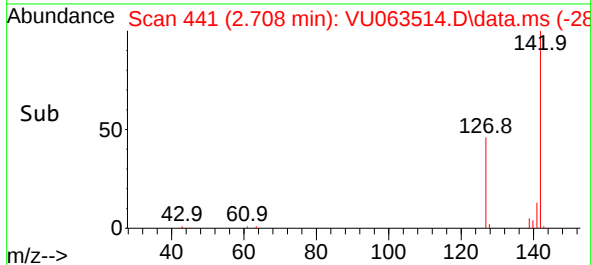
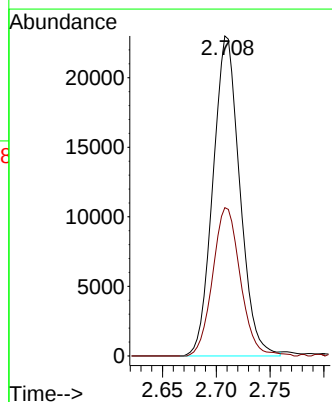
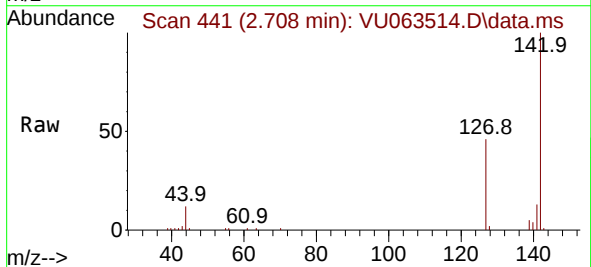
Manual Integrations
APPROVED

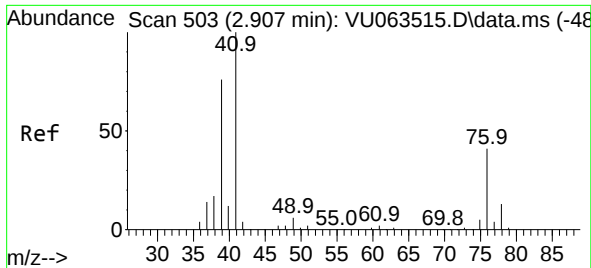
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Iodomethane
Concen: 4.500 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:142 Resp: 39902
Ion Ratio Lower Upper
142 100
127 47.8 37.9 56.9





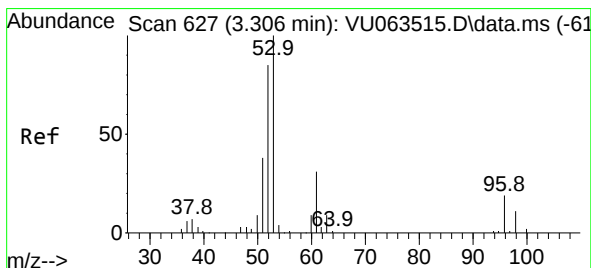
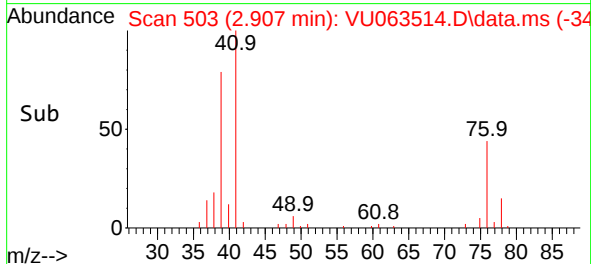
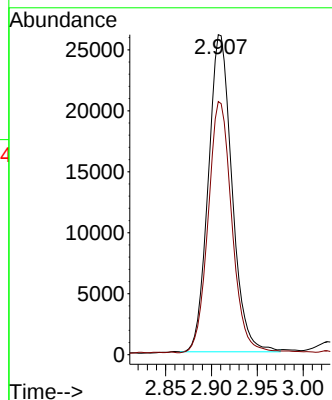
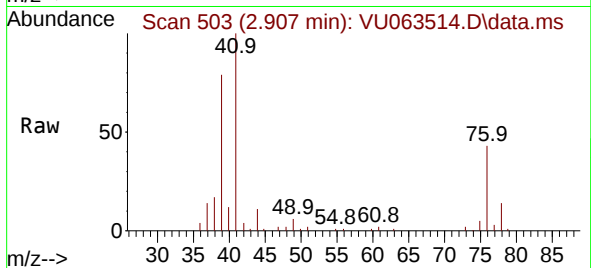
#11
 Allyl Chloride
 Concen: 4.791 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 46820
 Ion Ratio Lower Upper
 41 100
 39 79.6 61.5 92.3

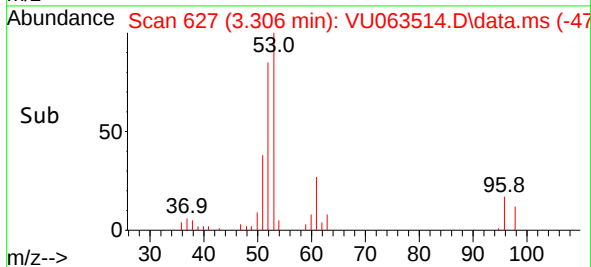
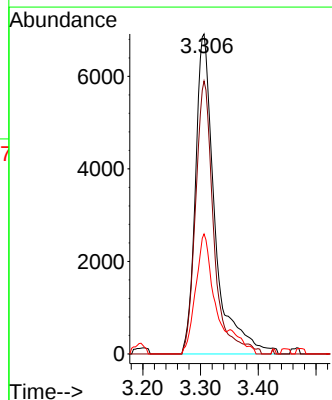
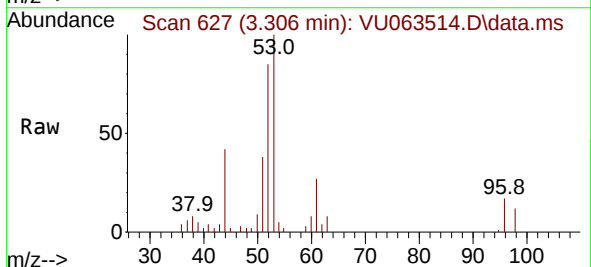
Manual Integrations
 APPROVED

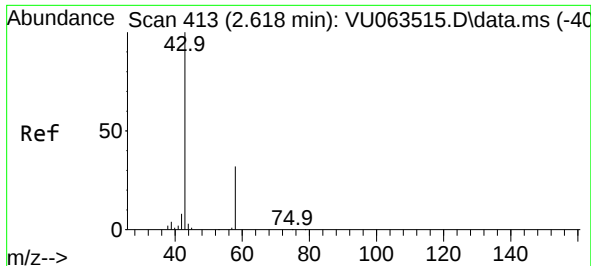
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#12
 Acrylonitrile
 Concen: 9.586 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

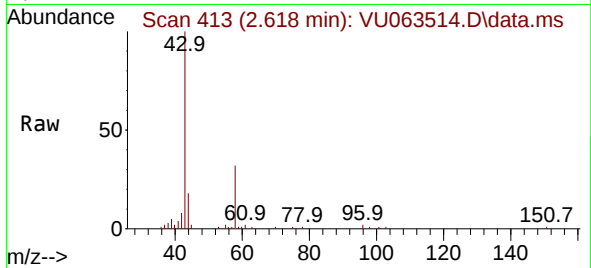
Tgt Ion: 53 Resp: 16229
 Ion Ratio Lower Upper
 53 100
 52 79.2 64.3 96.5
 51 34.4 27.8 41.8





#13
Acetone
Concen: 21.677 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

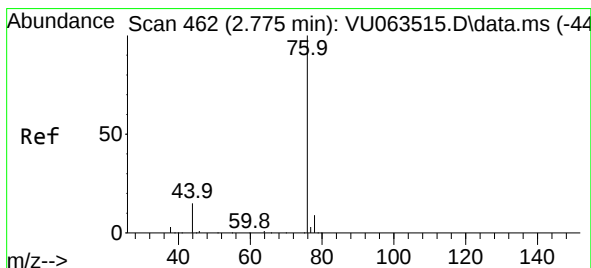
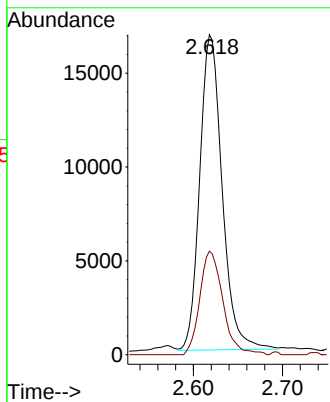
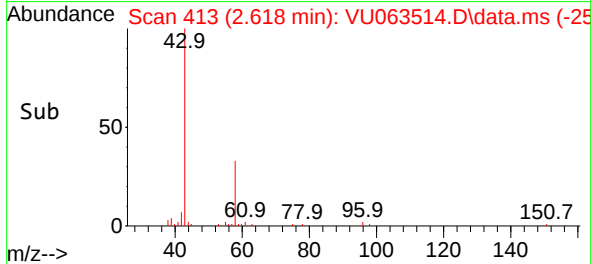
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



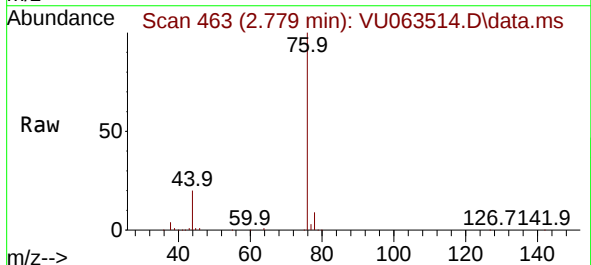
Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
58 32.9 25.4 38.0

Manual Integrations
APPROVED

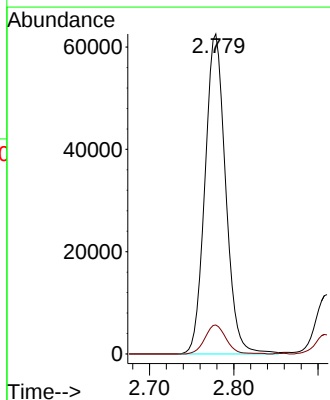
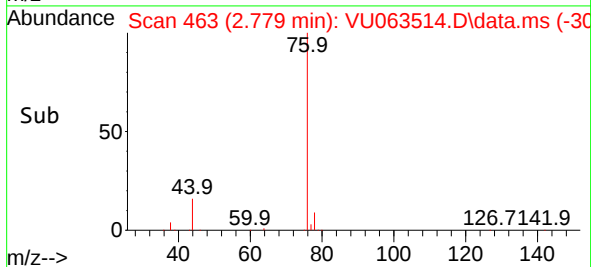
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

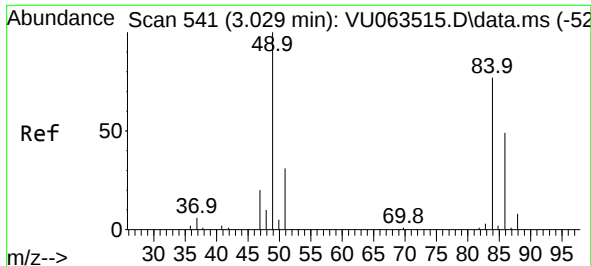


#14
Carbon Disulfide
Concen: 4.885 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



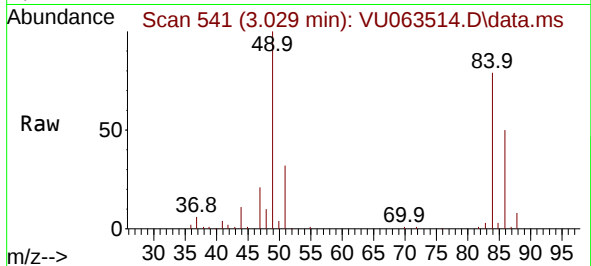
Tgt Ion: 76 Resp: 106742
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#15
Methylene Chloride
Concen: 4.742 ug/l
RT: 3.029 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

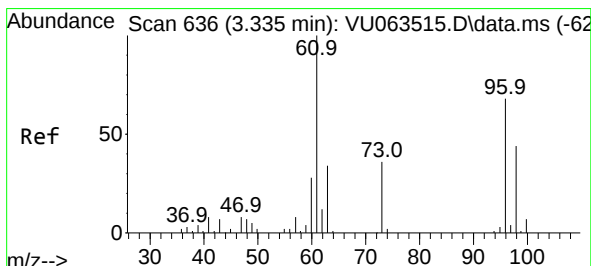
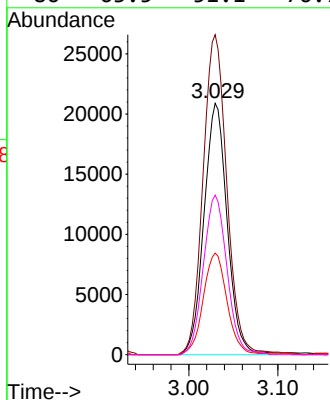
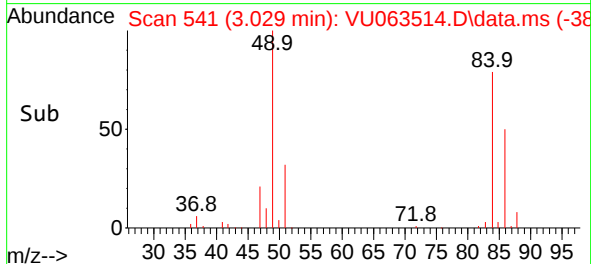
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 37774
Ion Ratio Lower Upper
84 100
49 127.3 103.8 155.8
51 40.4 0.0 80.4
86 63.5 51.1 76.7

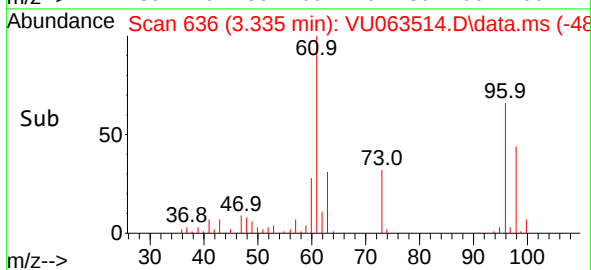
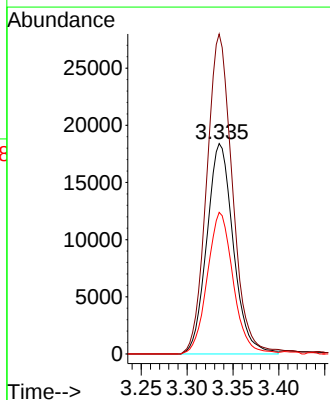
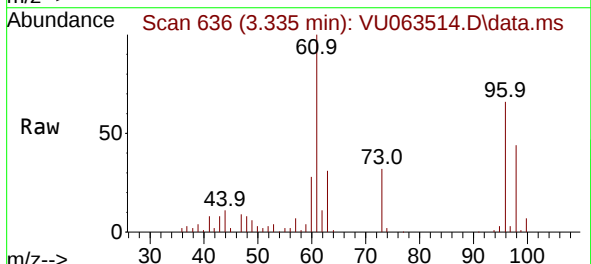
Manual Integrations
APPROVED

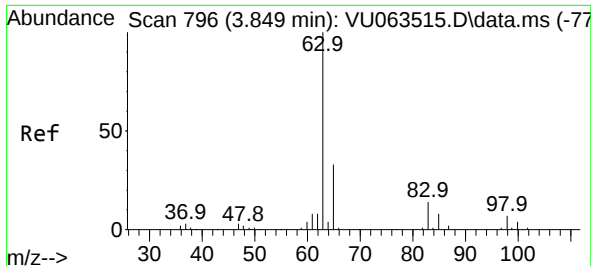
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
trans-1,2-Dichloroethene
Concen: 4.818 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 96 Resp: 37017
Ion Ratio Lower Upper
96 100
61 152.1 117.2 175.8
98 67.3 51.4 77.2





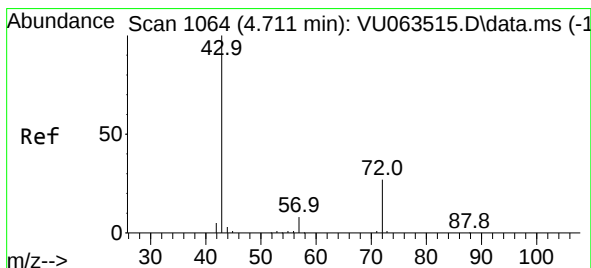
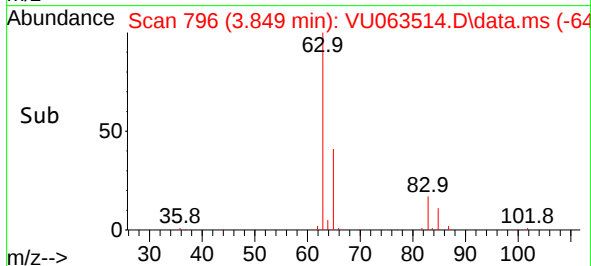
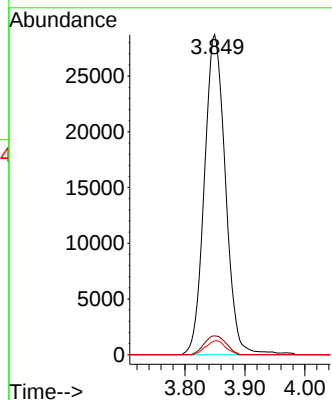
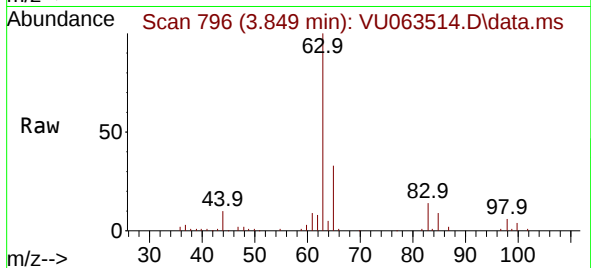
#17
1,1-Dichloroethane
Concen: 4.927 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 7016
Ion Ratio Lower Upper
63 100
98 5.8 3.4 10.2
100 4.3 2.1 6.2

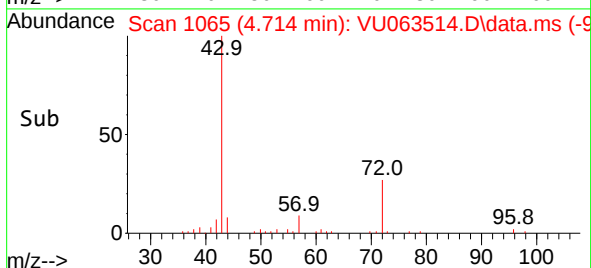
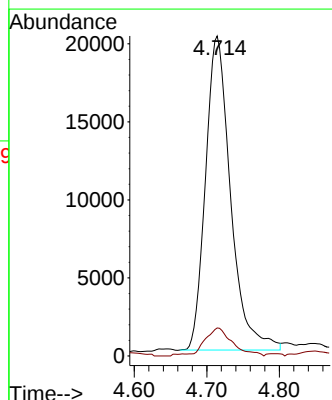
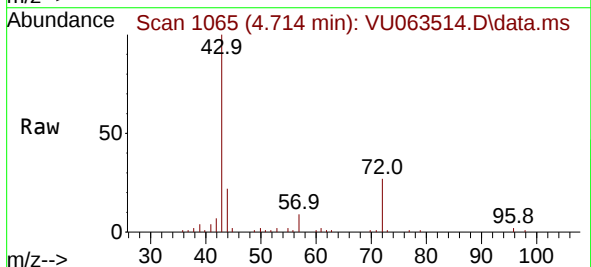
Manual Integrations
APPROVED

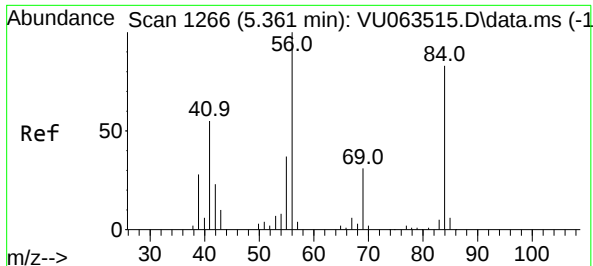
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
2-Butanone
Concen: 23.049 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 43 Resp: 48390
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.4





#19

Cyclohexane

Concen: 4.854 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

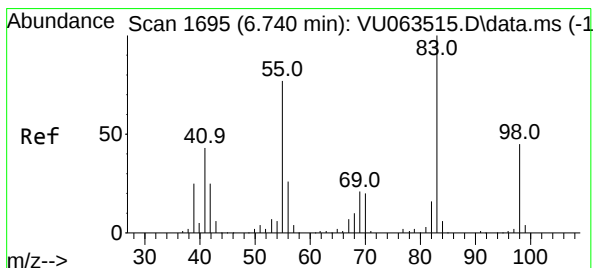
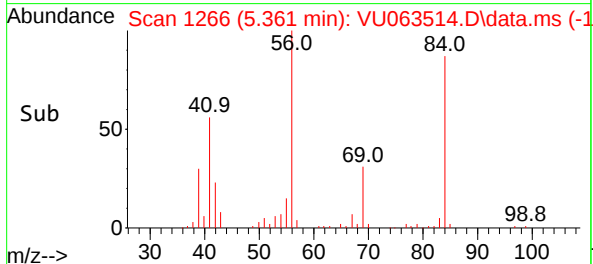
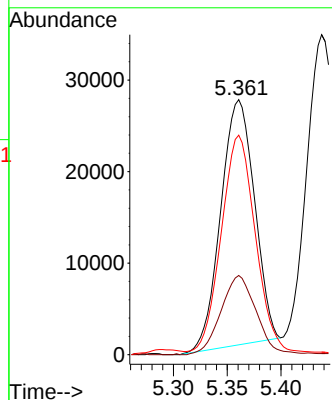
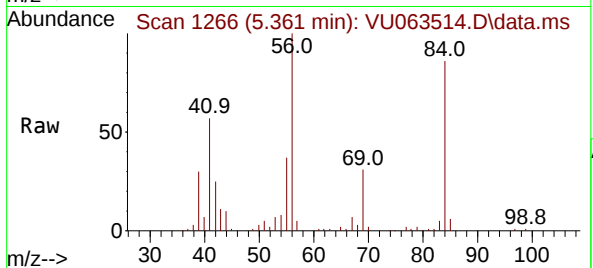
VSTDIC005

Tgt Ion:	56	Resp:	5852
Ion Ratio	Lower	Upper	
56	100		
69	32.7	26.6	39.8
84	88.7	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20

Methylcyclohexane

Concen: 4.517 ug/l

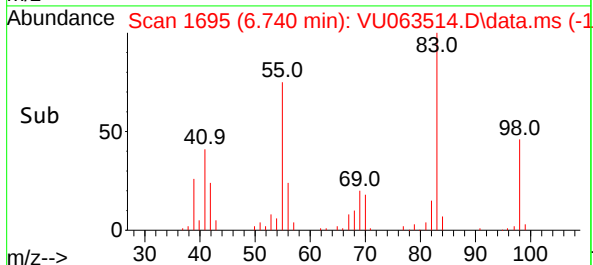
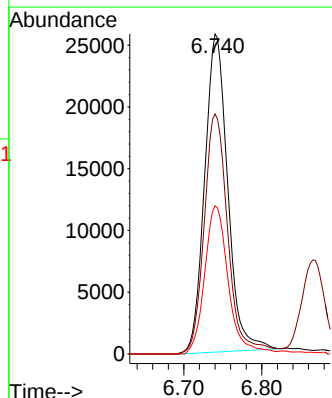
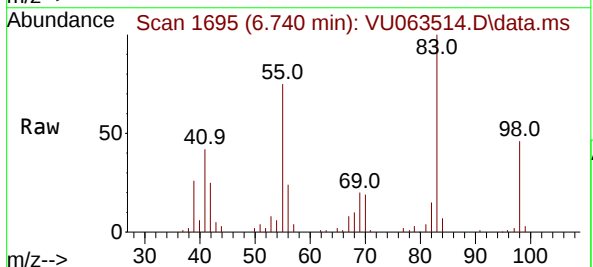
RT: 6.740 min Scan# 1695

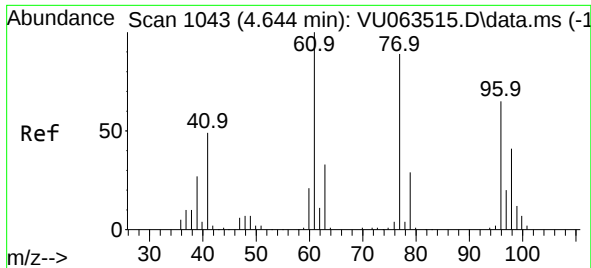
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion:	83	Resp:	52941
Ion Ratio	Lower	Upper	
83	100		
55	74.8	60.6	90.8
98	46.5	35.8	53.8





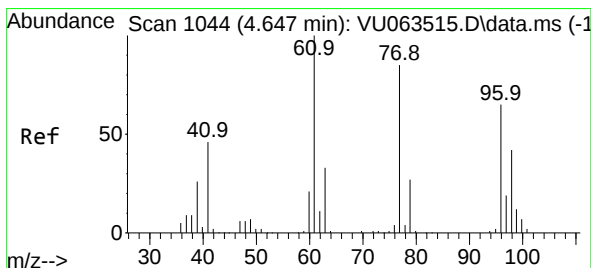
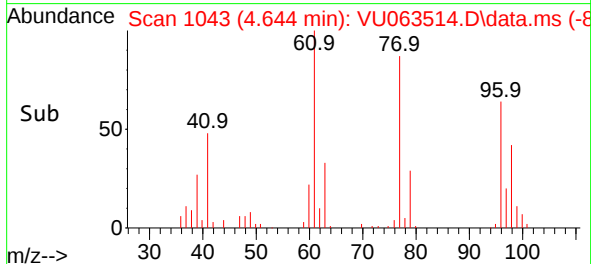
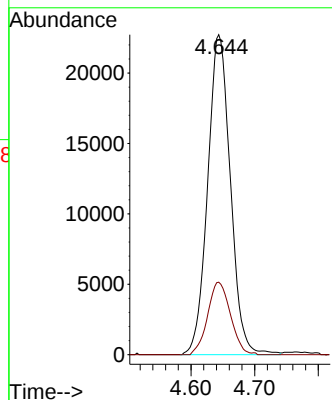
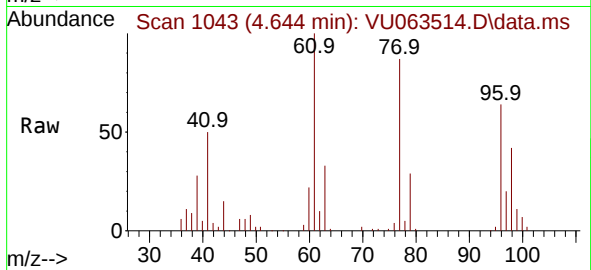
#21
2,2-Dichloropropane
Concen: 4.653 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 56419
Ion Ratio Lower Upper
77 100
97 22.8 17.8 26.8

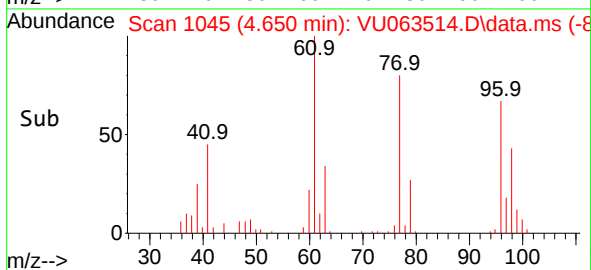
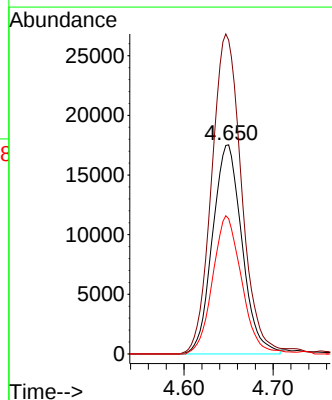
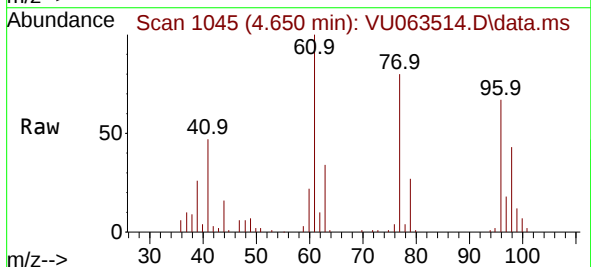
Manual Integrations
APPROVED

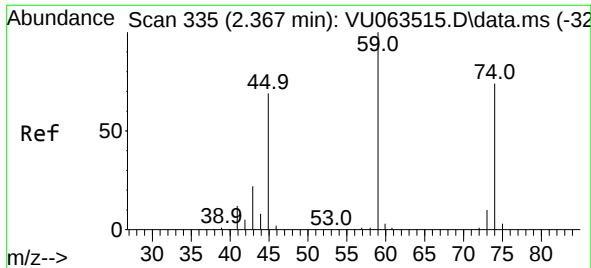
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
cis-1,2-Dichloroethene
Concen: 4.836 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 96 Resp: 40321
Ion Ratio Lower Upper
96 100
61 155.3 0.0 384.7
98 65.0 32.1 96.3





#23

Diethyl Ether

Concen: 5.030 ug/l

RT: 2.370 min Scan# 335

Delta R.T. 0.003 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

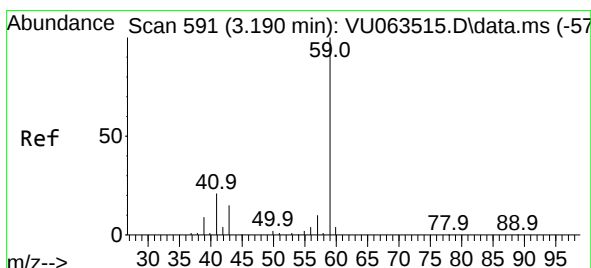
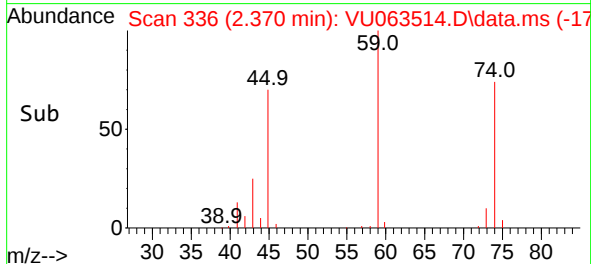
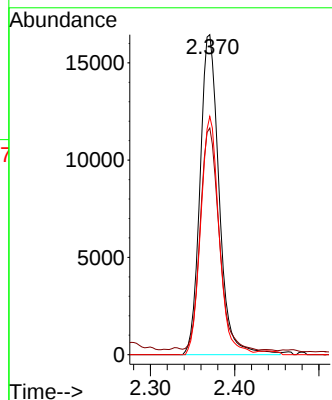
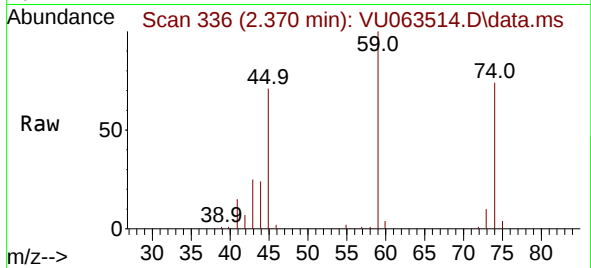
VSTDICC005

Tgt Ion: 59	Resp: 25929
Ion Ratio	Lower Upper
59 100	
45 68.2	55.1 82.7
74 71.8	58.2 87.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#24

tert-Butyl Alcohol

Concen: 47.503 ug/l

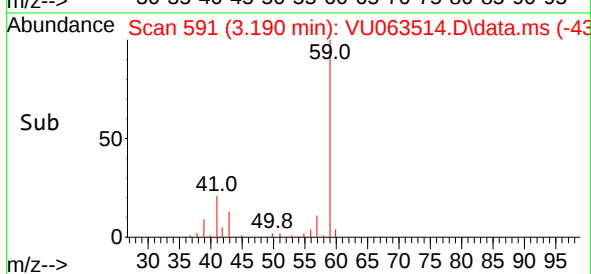
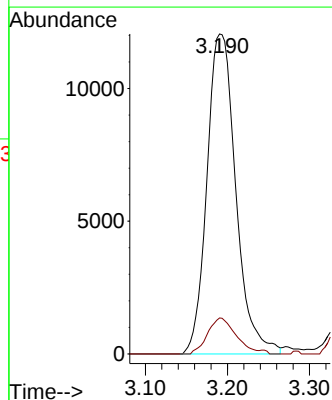
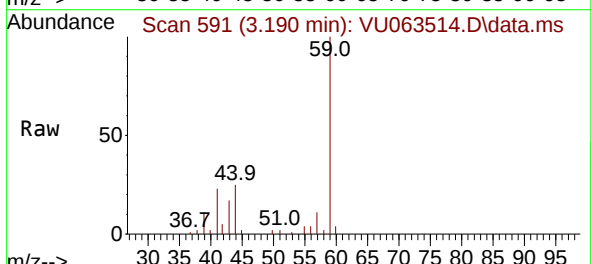
RT: 3.190 min Scan# 591

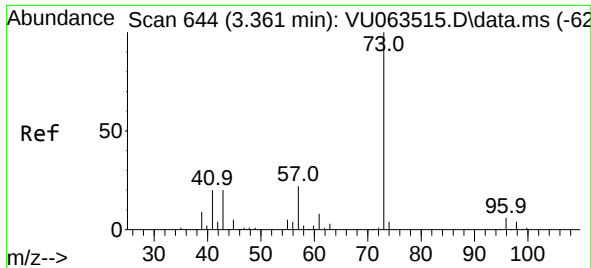
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion: 59	Resp: 29561
Ion Ratio	Lower Upper
59 100	
57 11.0	8.6 12.8





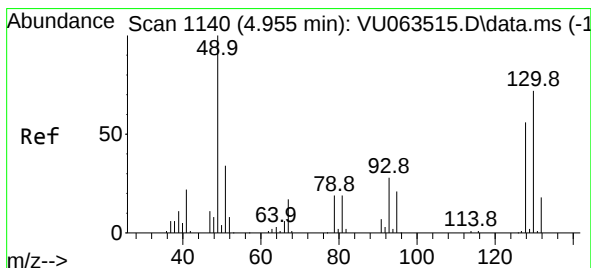
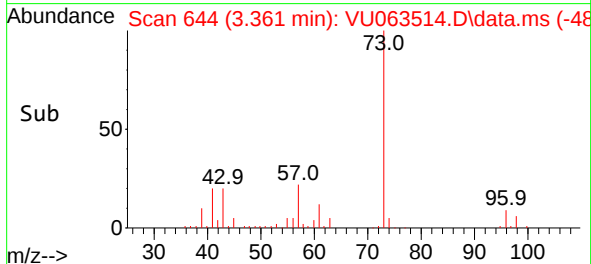
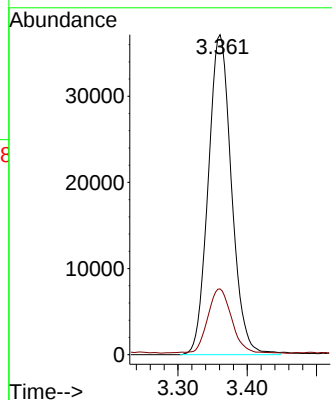
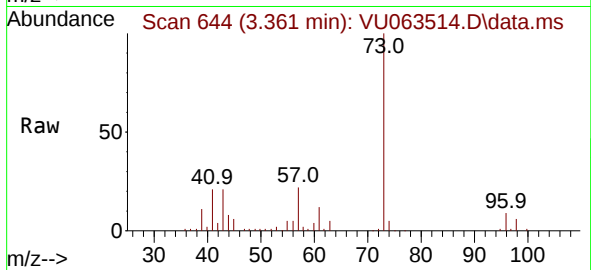
#25
Methyl tert-Butyl Ether
Concen: 4.911 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 8674
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2

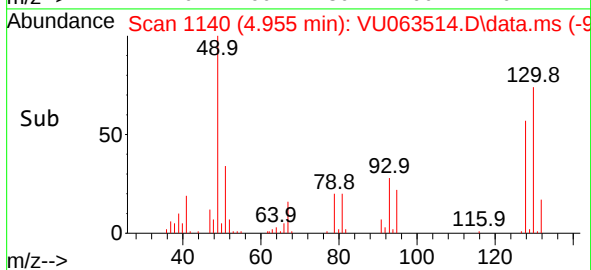
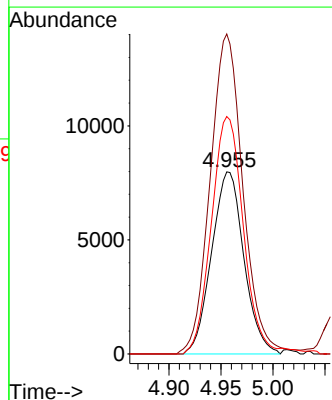
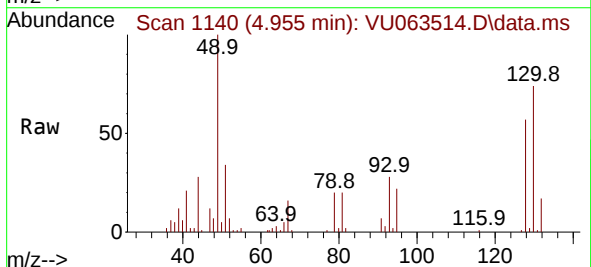
Manual Integrations
APPROVED

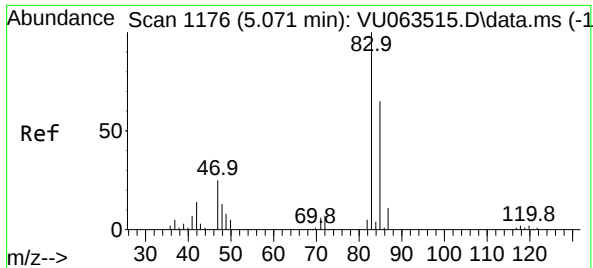
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
Bromochloromethane
Concen: 4.953 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:128 Resp: 17243
Ion Ratio Lower Upper
128 100
49 178.1 0.0 340.8
130 130.2 100.5 150.7





#27

Chloroform

Concen: 4.868 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 70739

Ion Ratio Lower Upper

83 100

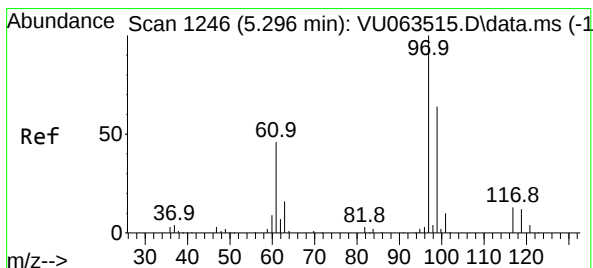
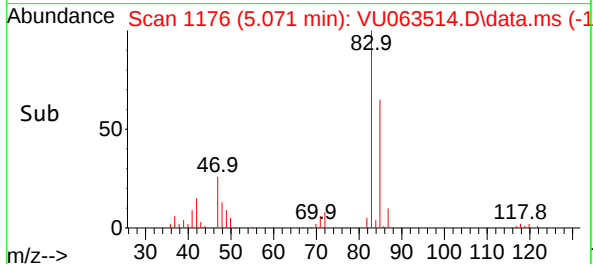
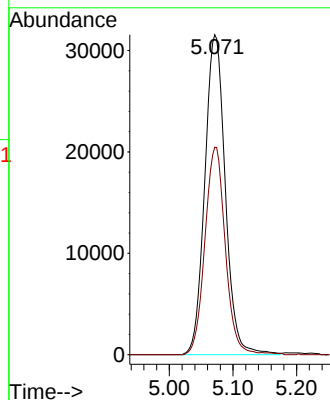
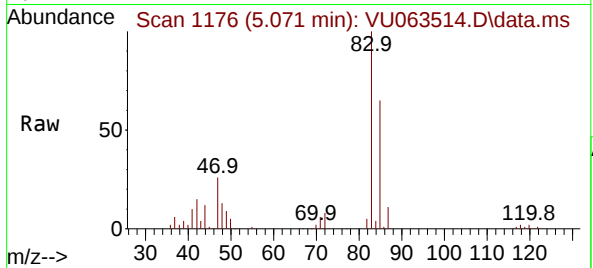
85 64.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#28

1,1,1-Trichloroethane

Concen: 4.974 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

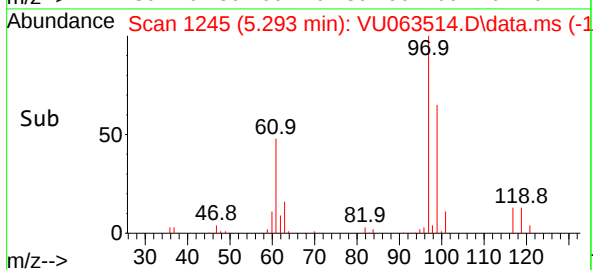
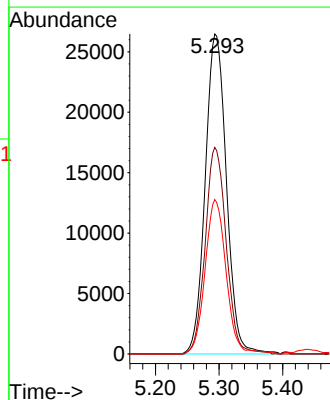
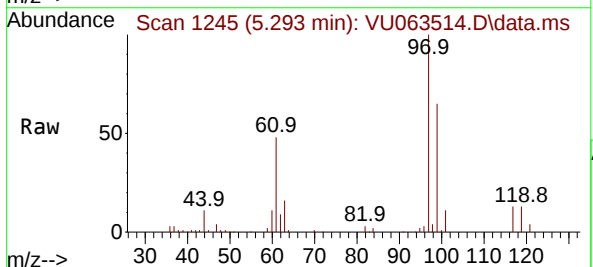
Tgt Ion: 97 Resp: 61347

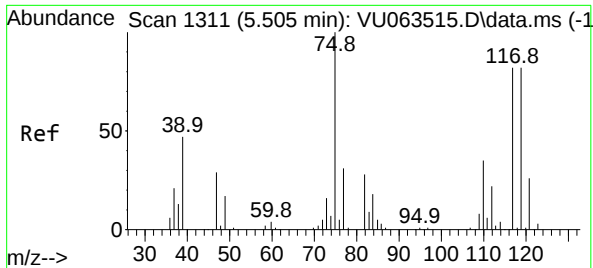
Ion Ratio Lower Upper

97 100

99 63.9 31.8 95.3

61 48.0 23.3 69.9





#29
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

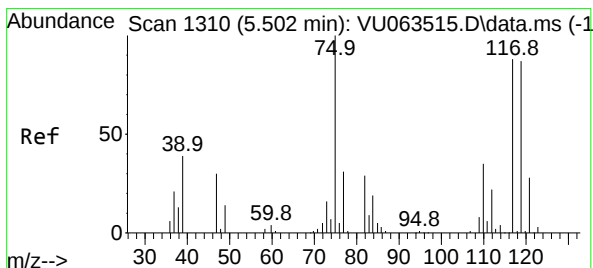
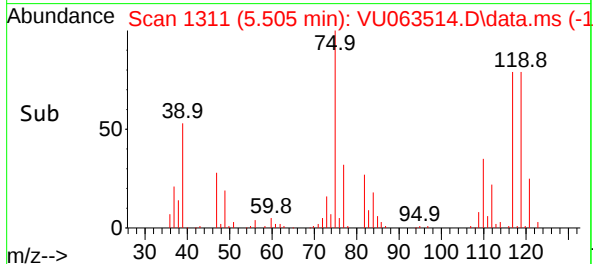
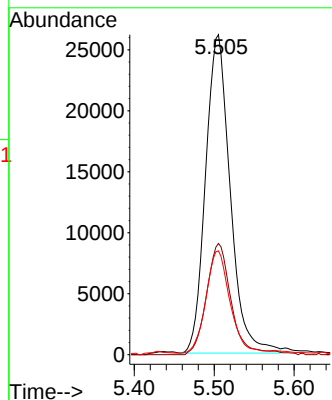
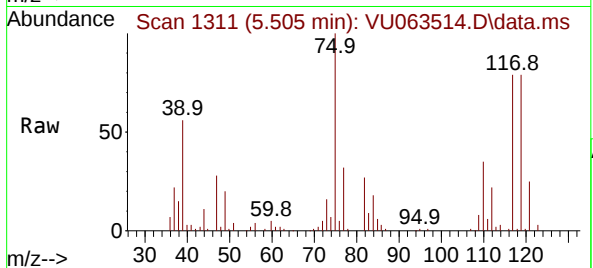
VSTDIC005

Tgt Ion: 75 Resp: 55970
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.4
77 31.0 24.6 37.0

Manual Integrations

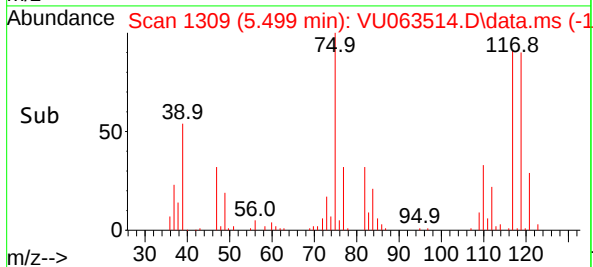
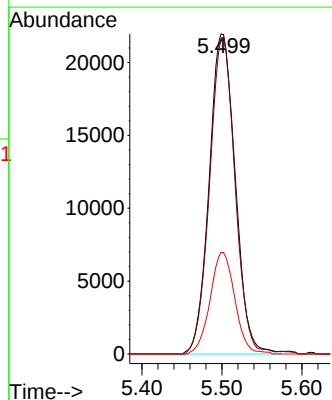
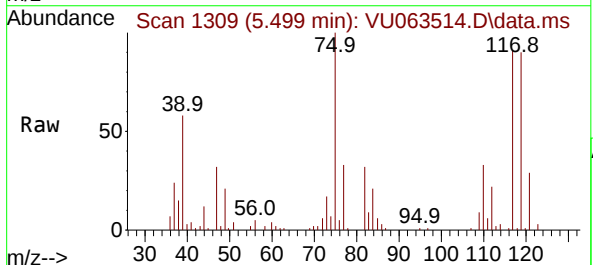
APPROVED

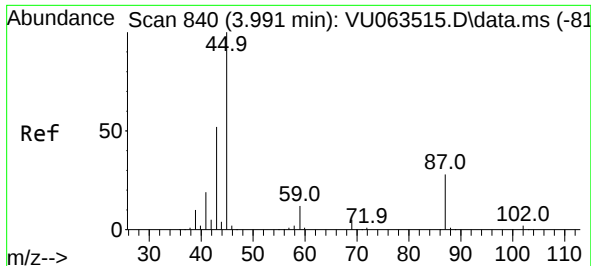
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 5.005 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

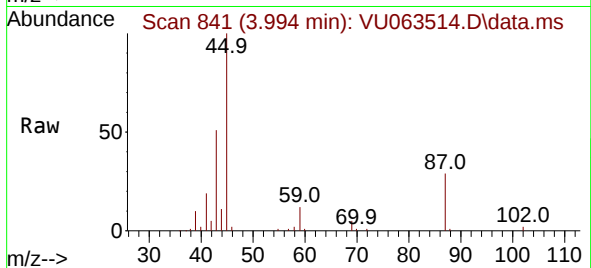
Tgt Ion:117 Resp: 49682
Ion Ratio Lower Upper
117 100
119 98.7 79.2 118.8
121 31.8 25.5 38.3





#31
Isopropyl Ether
Concen: 4.909 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

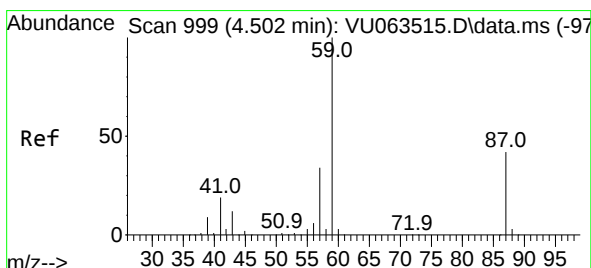
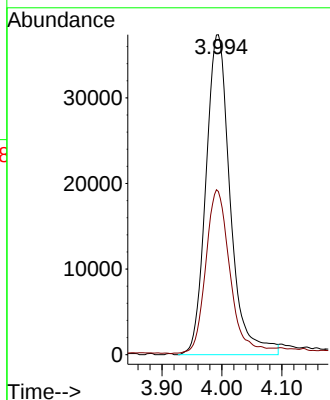
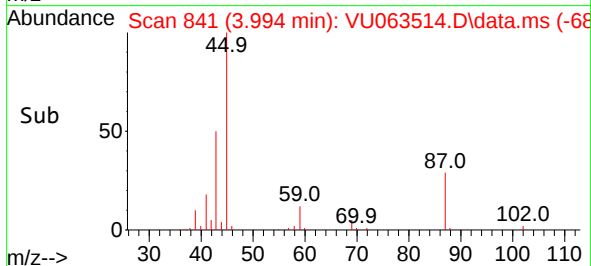
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



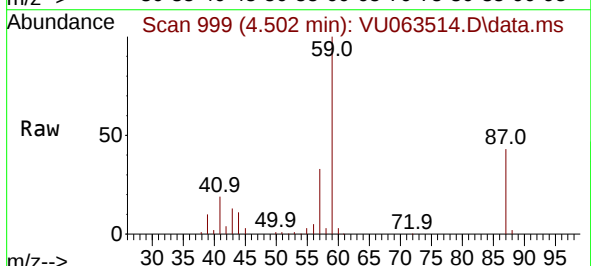
Tgt Ion: 45 Resp: 105534
Ion Ratio Lower Upper
45 100
43 50.6 25.7 77.0

Manual Integrations
APPROVED

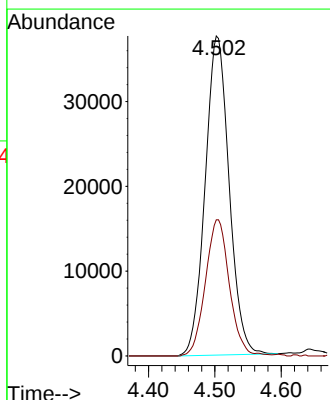
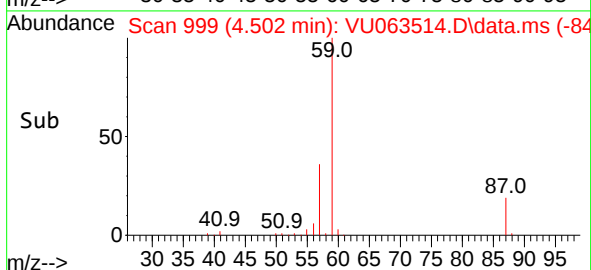
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

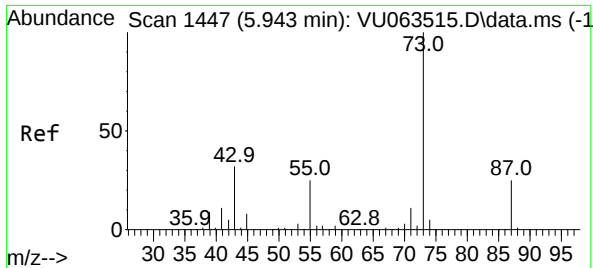


#32
Ethyl-t-butyl ether
Concen: 4.751 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



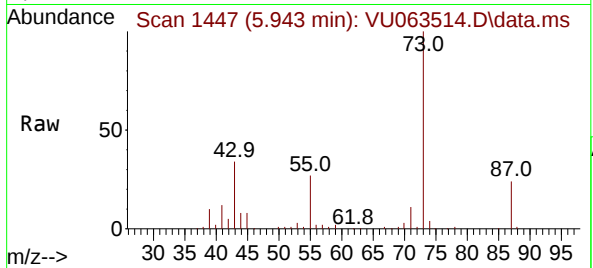
Tgt Ion: 59 Resp: 94505
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 4.920 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

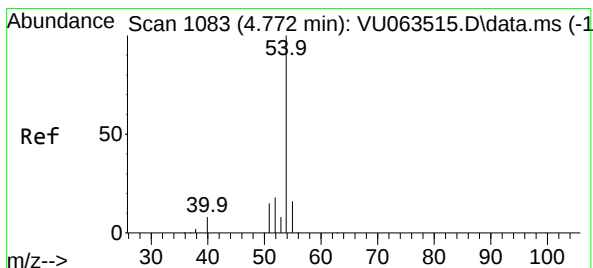
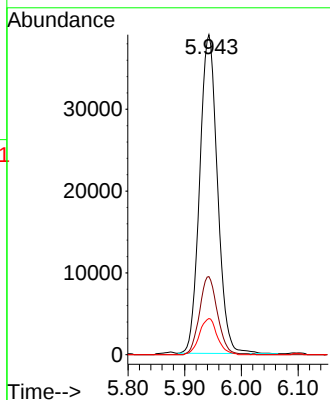
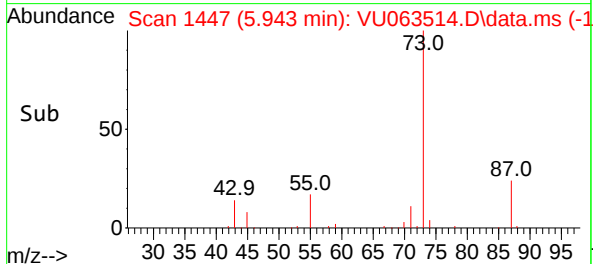
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 84930
Ion Ratio Lower Upper
73 100
87 24.8 19.4 29.2
71 11.4 8.9 13.3

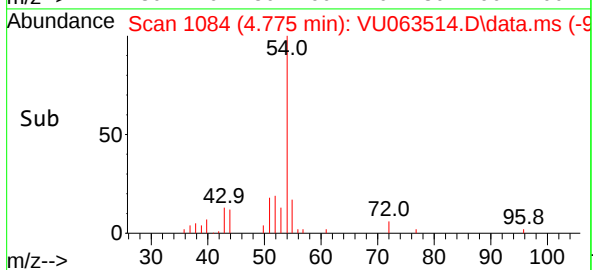
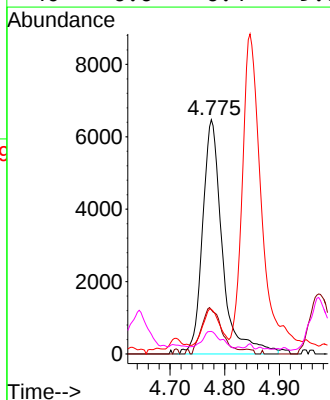
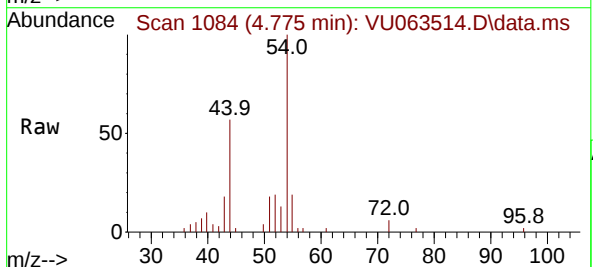
Manual Integrations
APPROVED

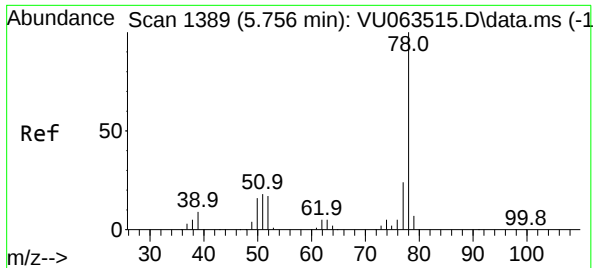
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
Propionitrile
Concen: 25.489 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 54 Resp: 16304
Ion Ratio Lower Upper
54 100
52 20.2 17.0 25.4
55 13.8 13.6 20.4
40 6.6 6.4 9.6





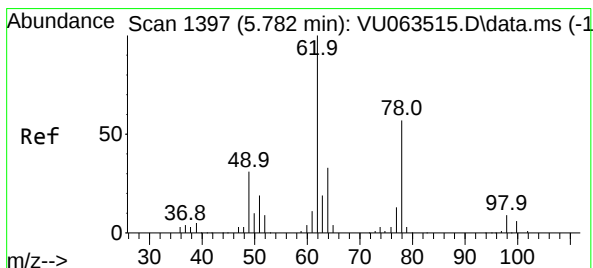
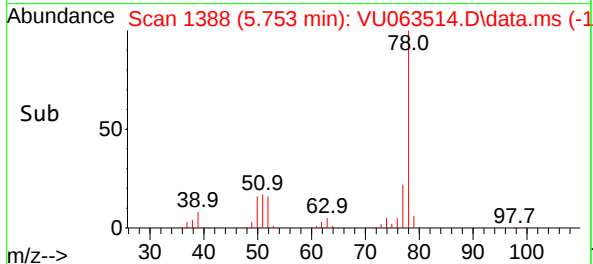
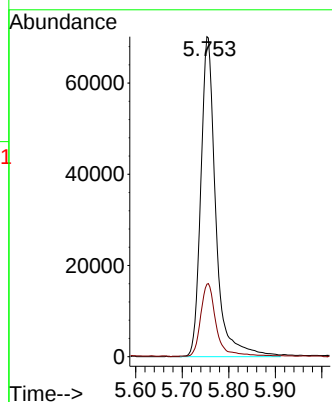
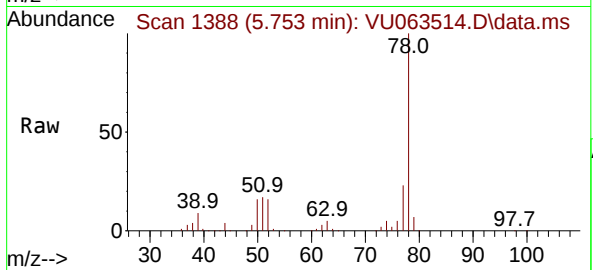
#35
Benzene
Concen: 5.113 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 78 Resp: 156970
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.2

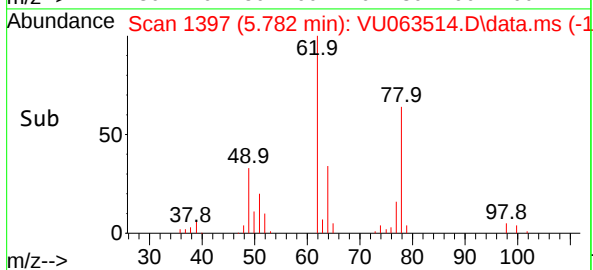
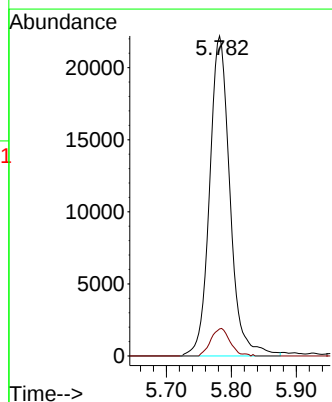
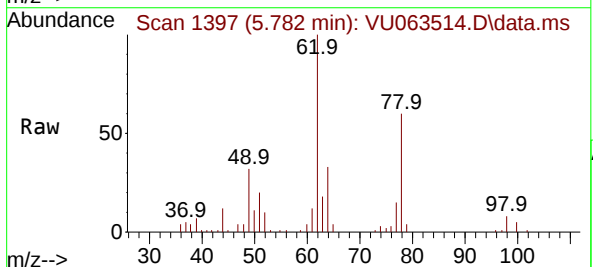
Manual Integrations
APPROVED

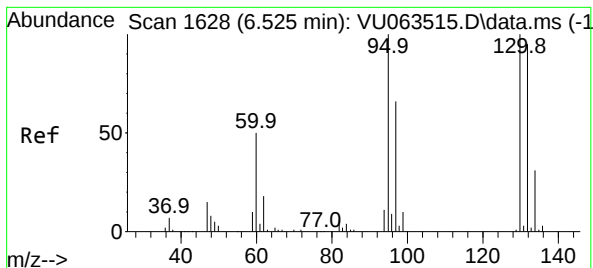
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 5.065 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 62 Resp: 48312
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#37

Trichloroethene

Concen: 4.506 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 3529

Ion Ratio Lower Upper

130 100

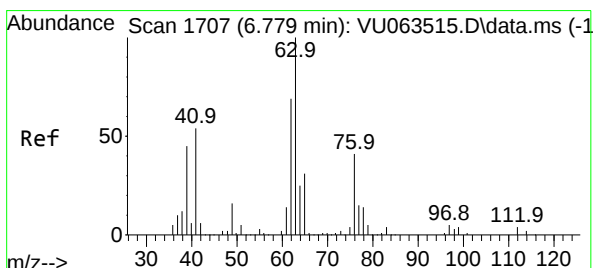
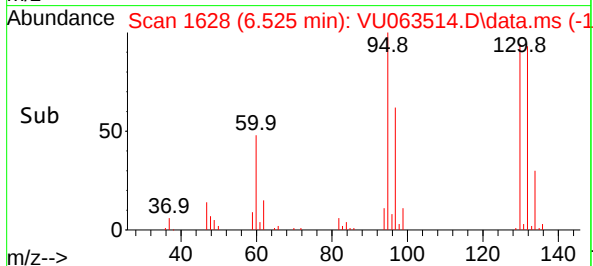
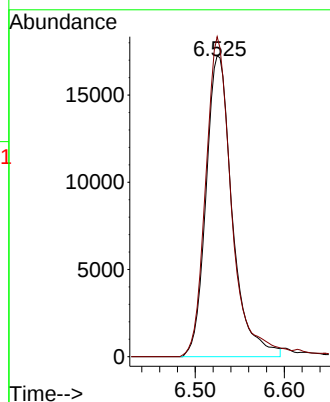
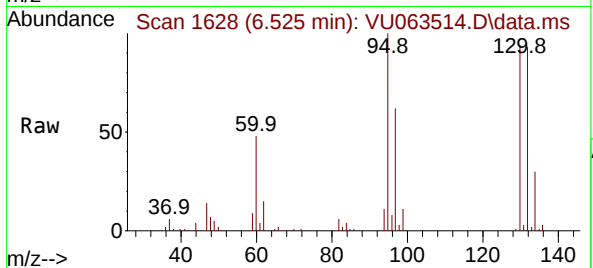
95 106.3 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#38

1,2-Dichloropropane

Concen: 4.678 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063514.D

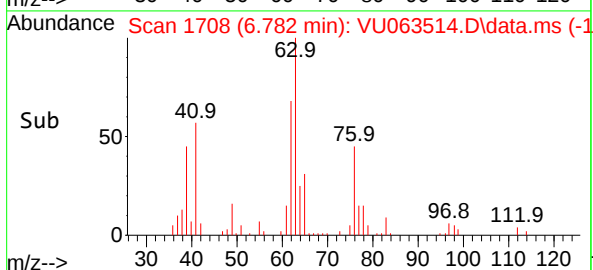
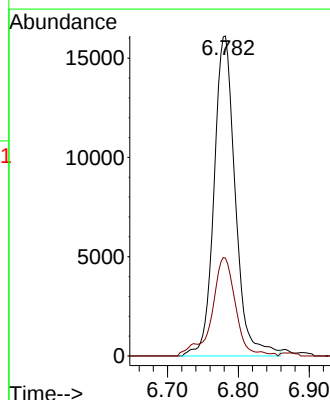
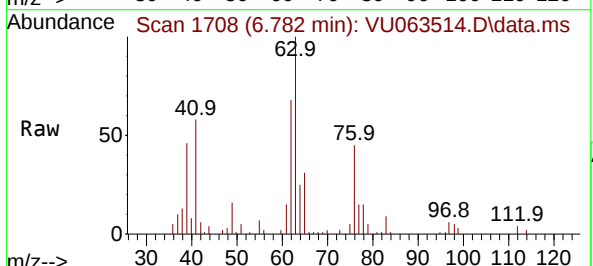
Acq: 16 Jul 2025 11:00

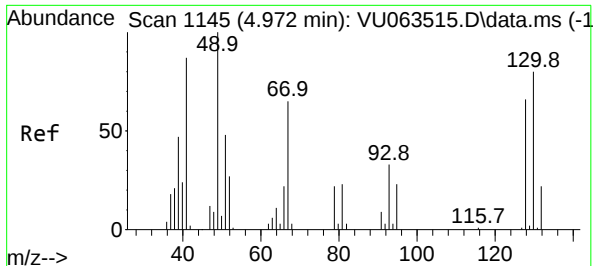
Tgt Ion: 63 Resp: 33611

Ion Ratio Lower Upper

63 100

65 29.9 24.6 36.8





#39

Methacrylonitrile

Concen: 4.468 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

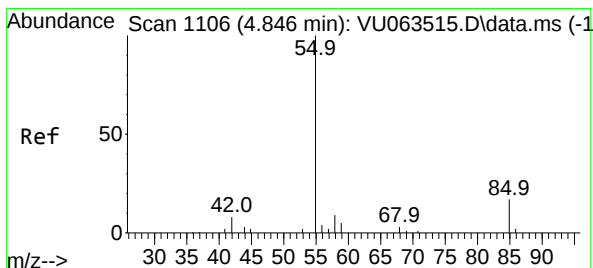
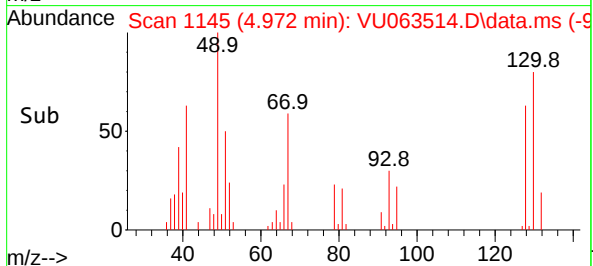
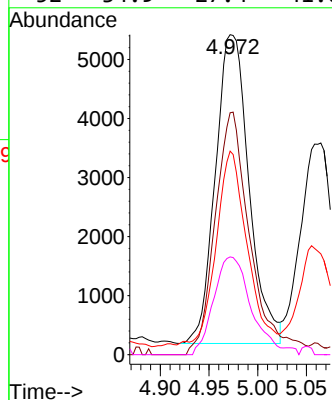
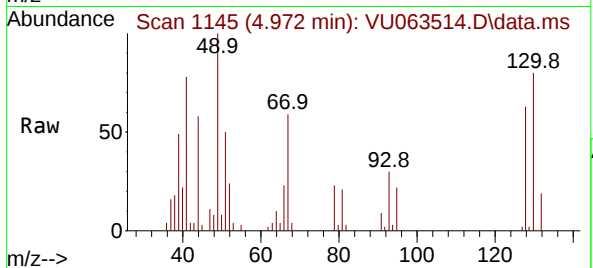
VSTDICC005

Tgt Ion:	41	Resp:	1254
Ion	Ratio	Lower	Upper
41	100		
67	82.1	62.7	94.1
39	57.1	43.1	64.7
52	34.9	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Methyl acrylate

Concen: 4.749 ug/l

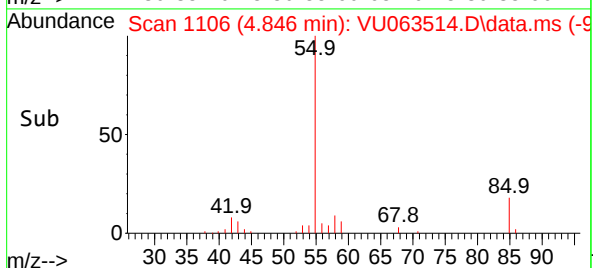
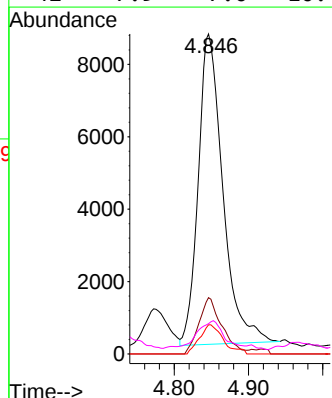
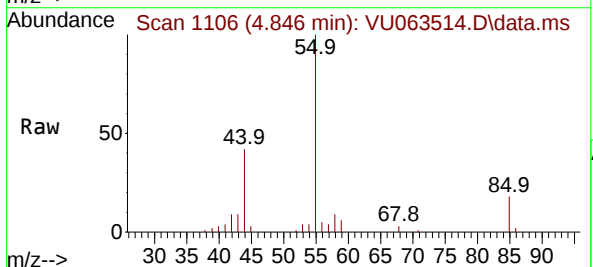
RT: 4.846 min Scan# 1106

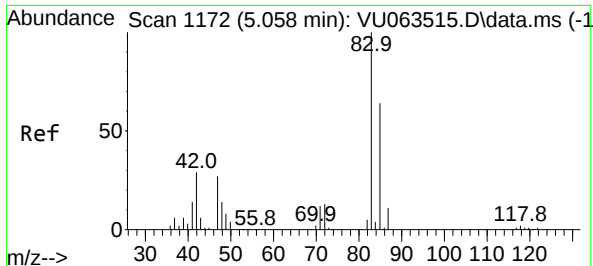
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion:	55	Resp:	19739
Ion	Ratio	Lower	Upper
55	100		
85	16.8	12.8	19.2
58	9.0	7.0	10.4
42	7.9	7.0	10.4





#41

Tetrahydrofuran

Concen: 8.771 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

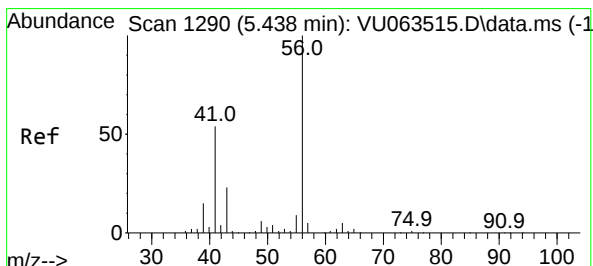
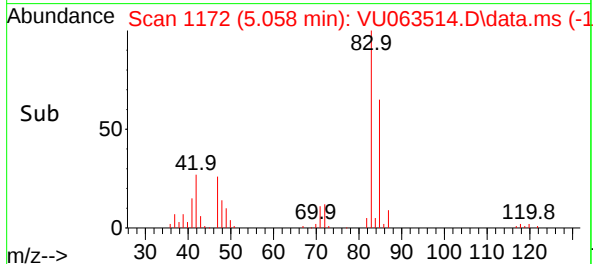
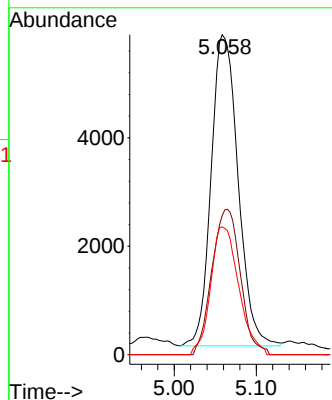
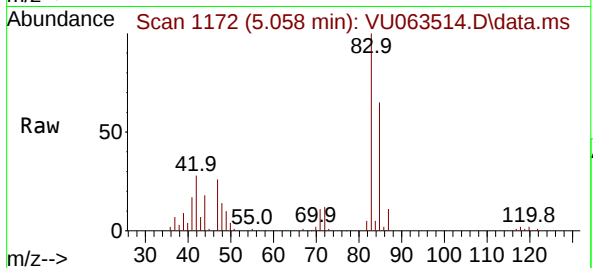
VSTDIC005

Tgt Ion: 42	Resp: 13119
Ion Ratio	Lower Upper
42	100
72	49.2 39.2 58.8
71	42.8 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42

1-Chlorobutane

Concen: 4.999 ug/l

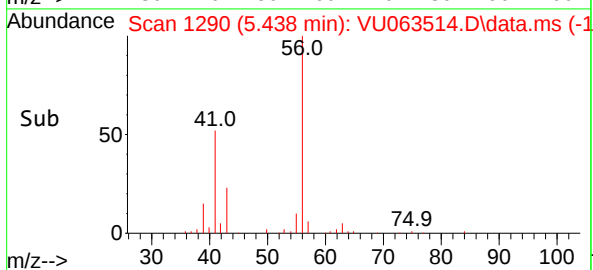
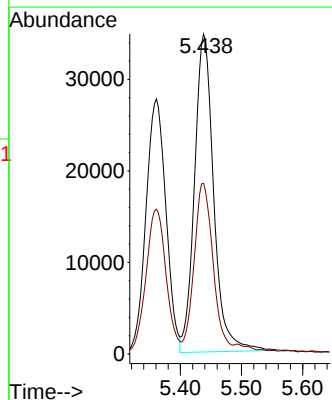
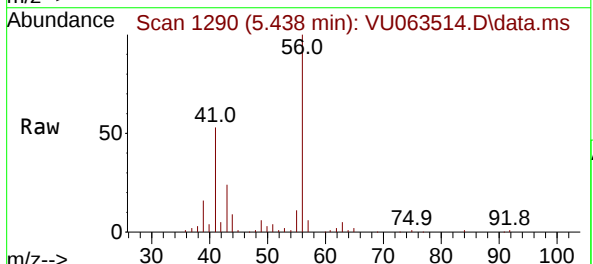
RT: 5.438 min Scan# 1290

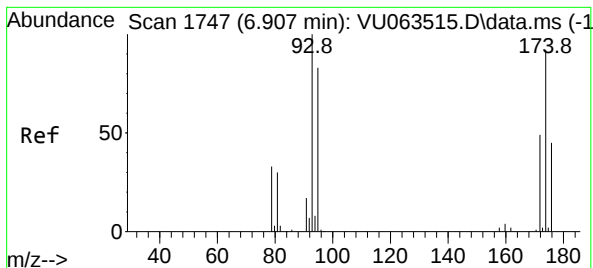
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion: 56	Resp: 75929
Ion Ratio	Lower Upper
56	100
41	48.2 26.7 80.0





#43

Dibromomethane

Concen: 4.821 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 93 Resp: 1794

Ion Ratio Lower Upper

93 100

95 83.0 67.9 101.9

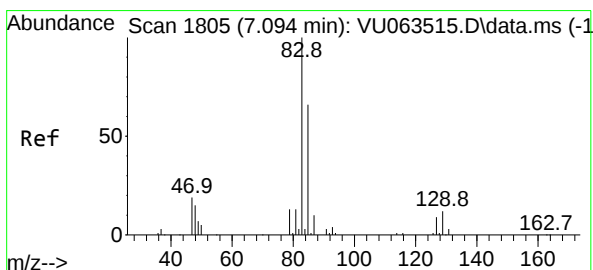
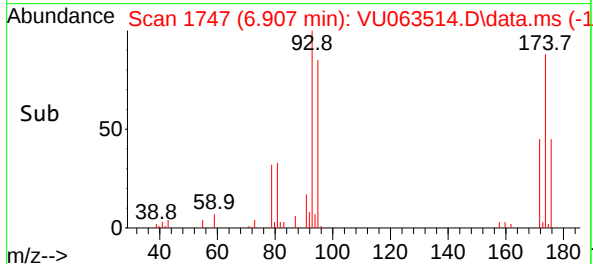
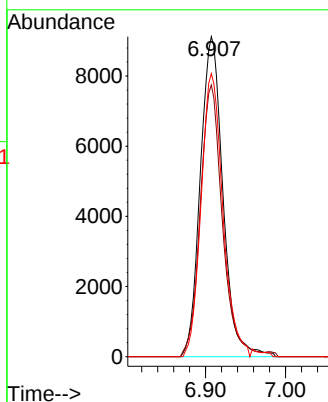
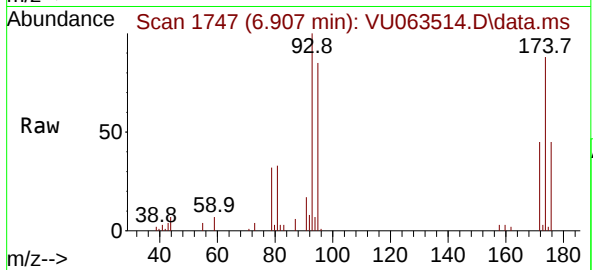
174 85.0 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#44

Bromodichloromethane

Concen: 4.807 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

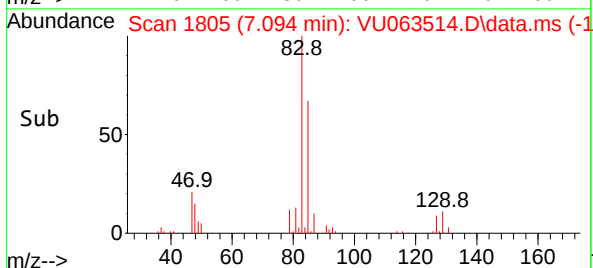
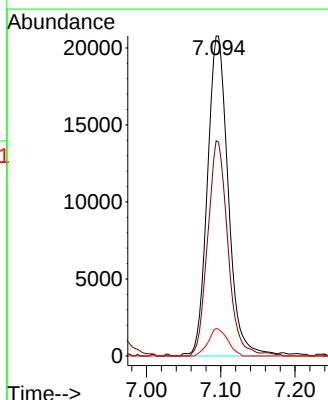
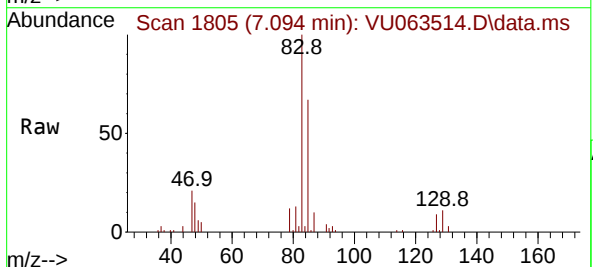
Tgt Ion: 83 Resp: 40349

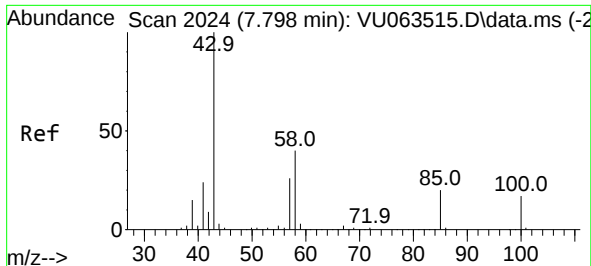
Ion Ratio Lower Upper

83 100

85 67.3 52.7 79.1

127 8.6 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 24.821 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

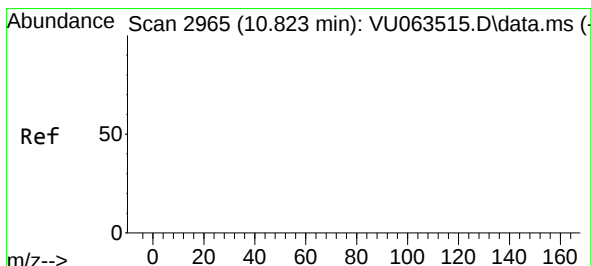
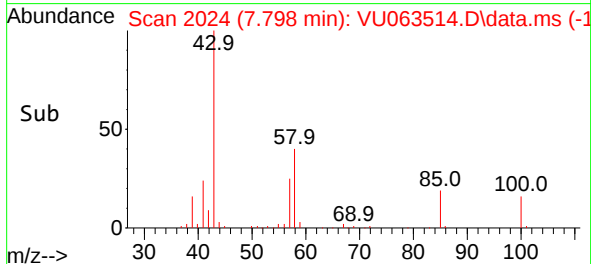
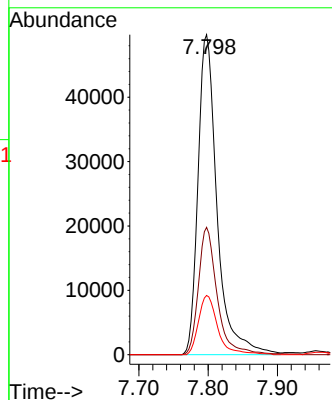
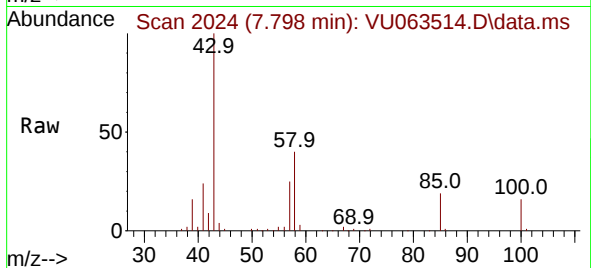
VSTDIC005

Tgt Ion: 43	Resp: 9521
Ion Ratio	Lower Upper
43 100	
58 39.3	20.0 60.0
85 18.7	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46

t-1,4-Dichloro-2-butene

Concen: 9.823 ug/l m

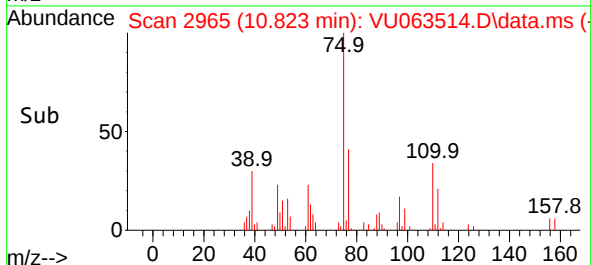
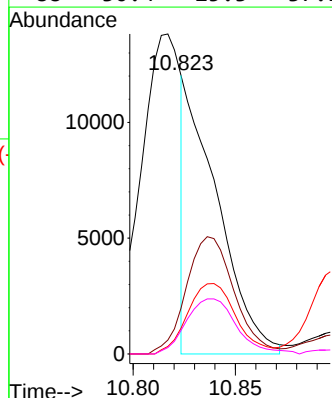
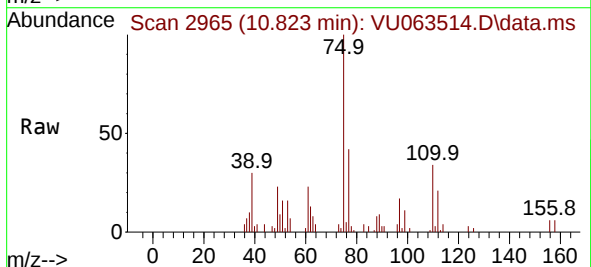
RT: 10.823 min Scan# 2965

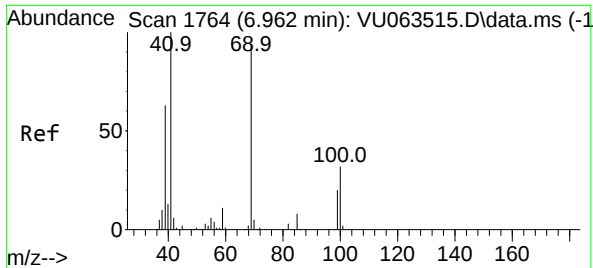
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

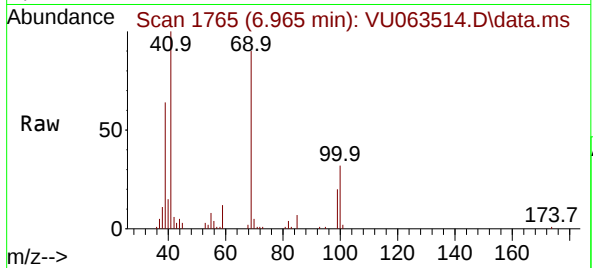
Tgt Ion: 75	Resp: 13369
Ion Ratio	Lower Upper
75 100	
53 61.7	48.4 72.6
89 37.5	30.6 45.8
88 30.4	25.3 37.9





#47
Methyl methacrylate
Concen: 9.775 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

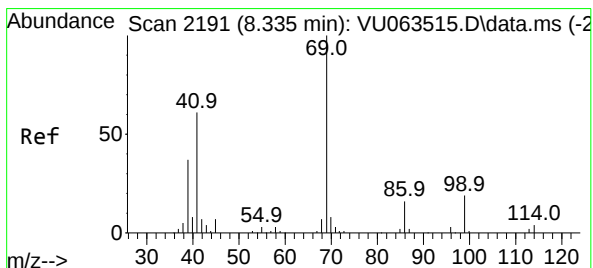
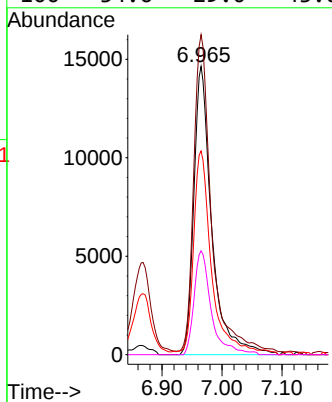
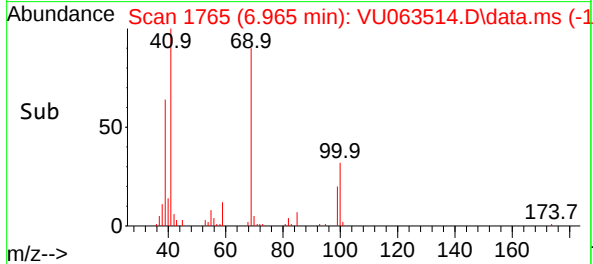
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 69 Resp: 30554
Ion Ratio Lower Upper
69 100
41 108.9 0.0 224.0
39 66.7 55.3 82.9
100 34.6 29.0 43.6

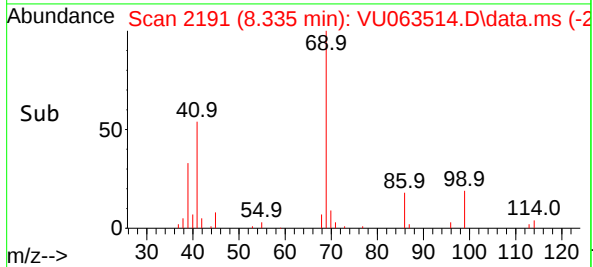
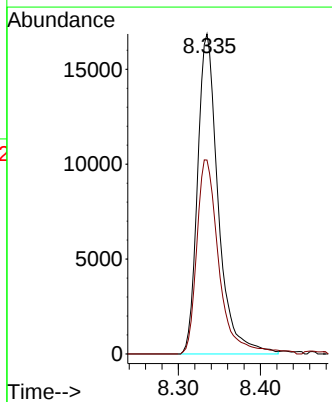
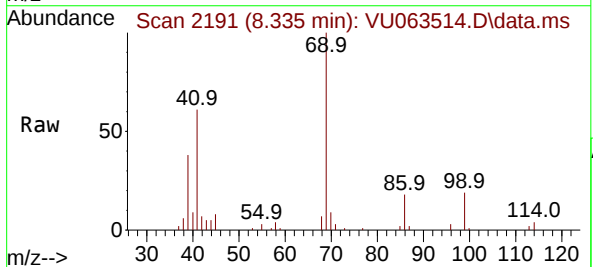
Manual Integrations
APPROVED

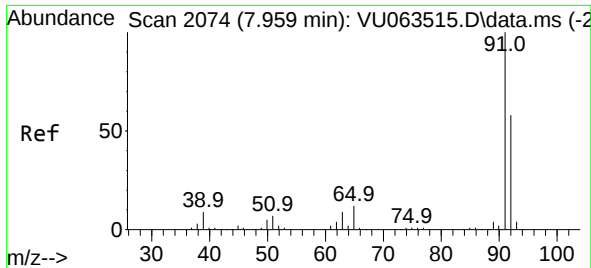
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Ethyl methacrylate
Concen: 4.943 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

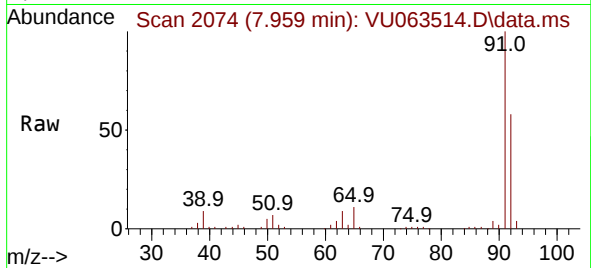
Tgt Ion: 69 Resp: 29487
Ion Ratio Lower Upper
69 100
41 65.3 30.8 92.4





#49
Toluene
Concen: 4.993 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

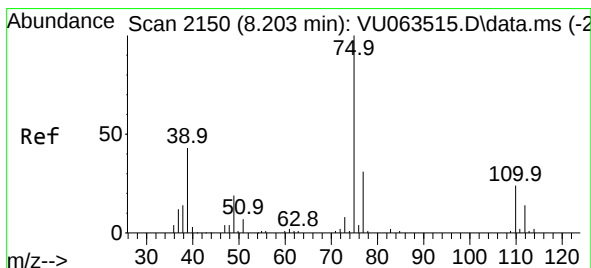
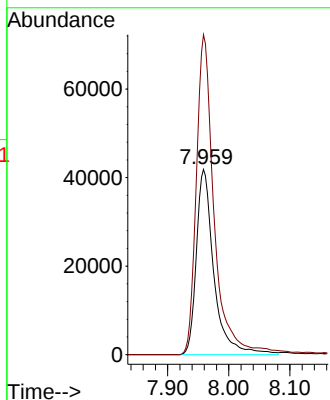
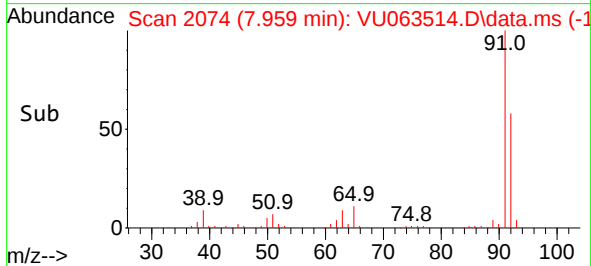
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 92 Resp: 8368
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6

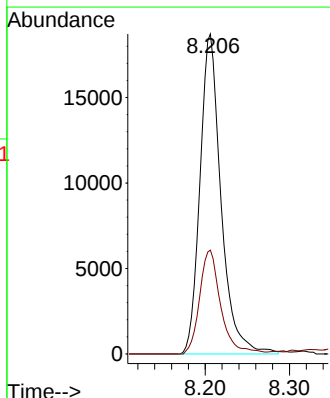
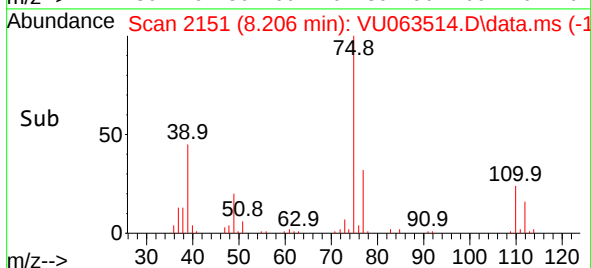
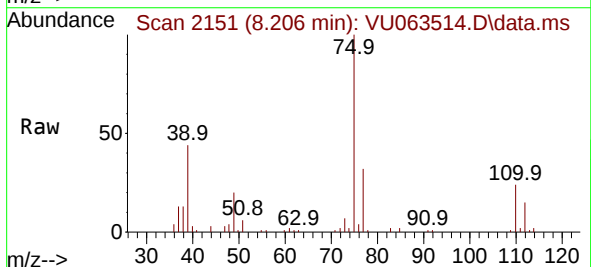
Manual Integrations
APPROVED

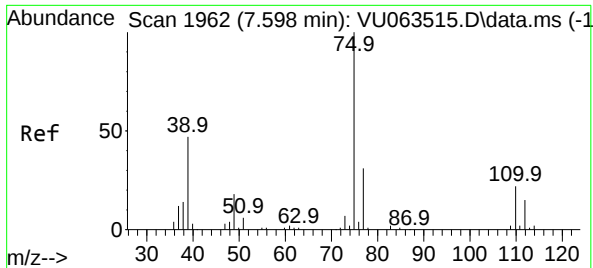
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
t-1,3-Dichloropropene
Concen: 4.946 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

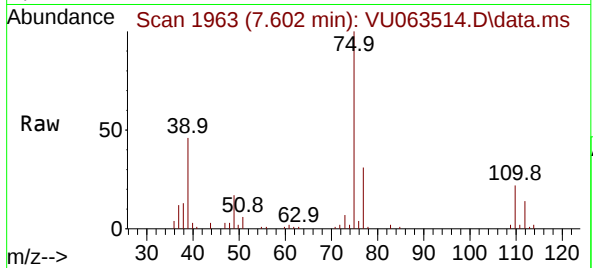
Tgt Ion: 75 Resp: 32573
Ion Ratio Lower Upper
75 100
77 32.5 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

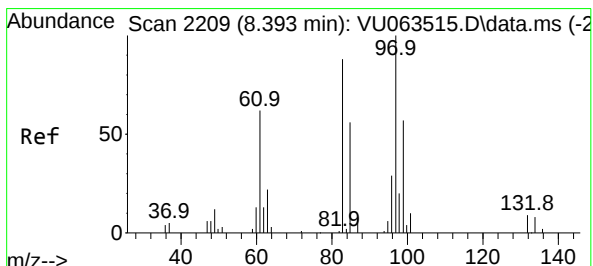
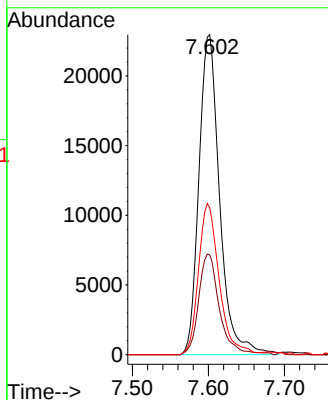
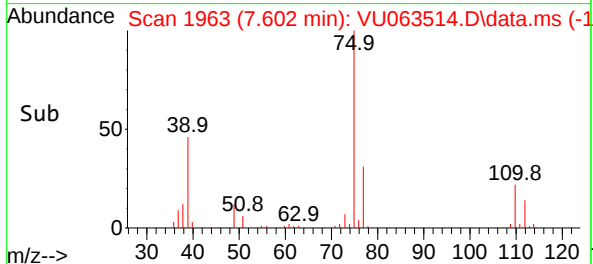
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 4351
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 46.0 37.8 56.6

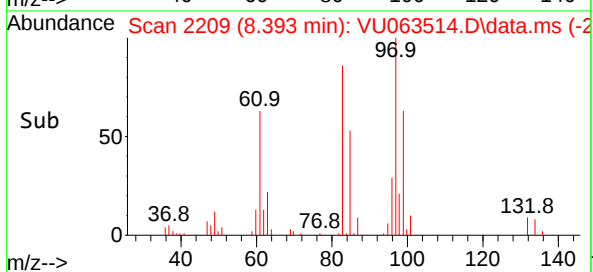
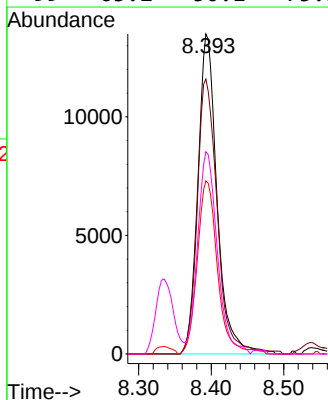
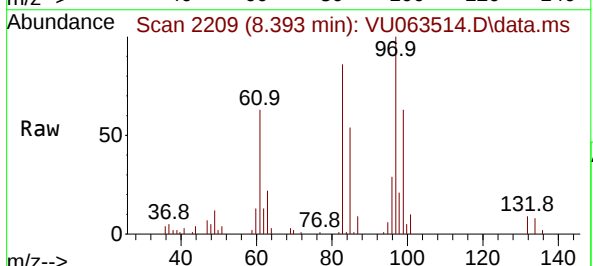
Manual Integrations
 APPROVED

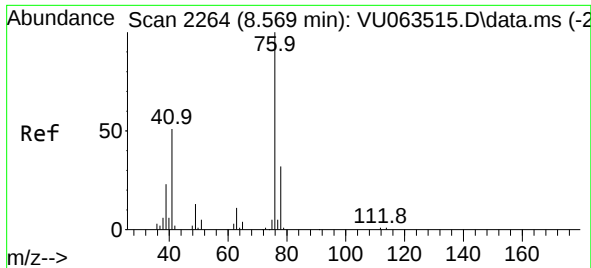
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 4.976 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

Tgt Ion: 97 Resp: 24935
 Ion Ratio Lower Upper
 97 100
 83 85.9 70.2 105.2
 85 54.1 45.2 67.8
 99 63.2 50.1 75.1





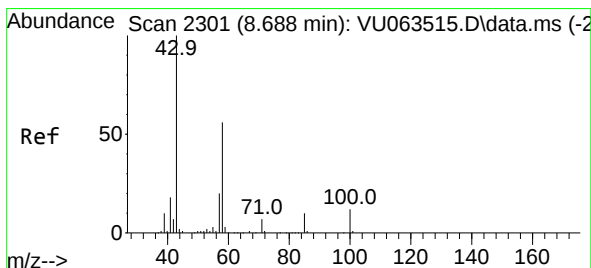
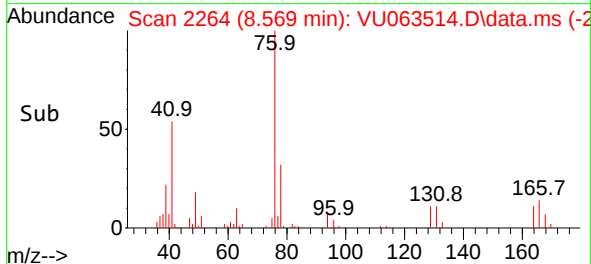
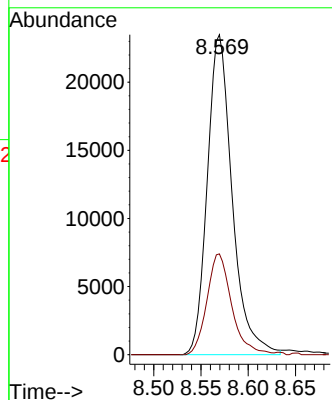
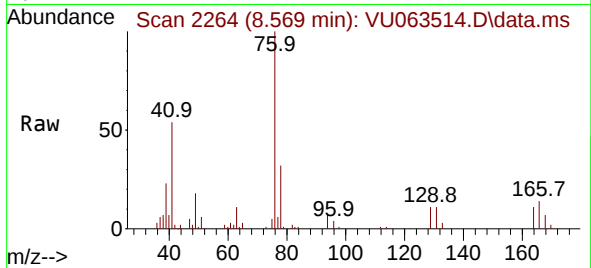
#53
1,3-Dichloropropane
Concen: 4.964 ug/l
RT: 8.569 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 42938
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0

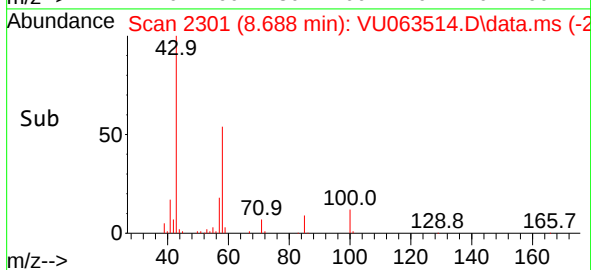
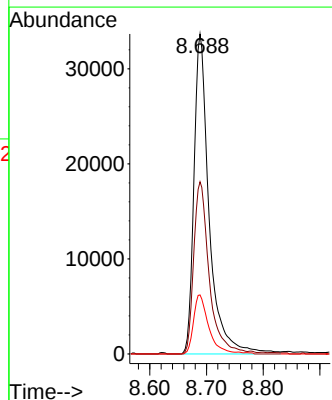
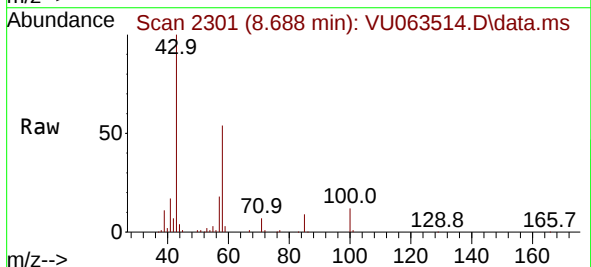
Manual Integrations
APPROVED

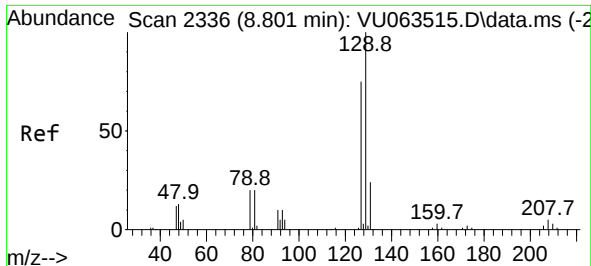
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
2-Hexanone
Concen: 24.583 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

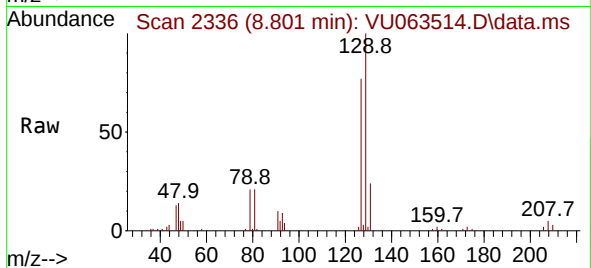
Tgt Ion: 43 Resp: 62636
Ion Ratio Lower Upper
43 100
58 54.7 34.8 74.8
57 18.2 0.0 39.5





#55
Dibromochloromethane
Concen: 5.067 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

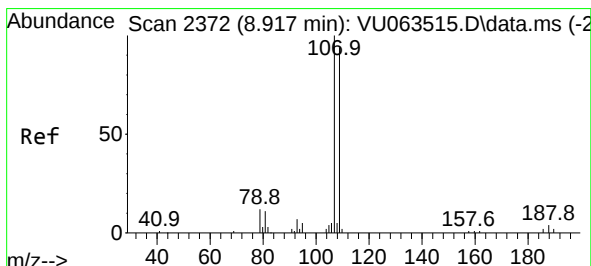
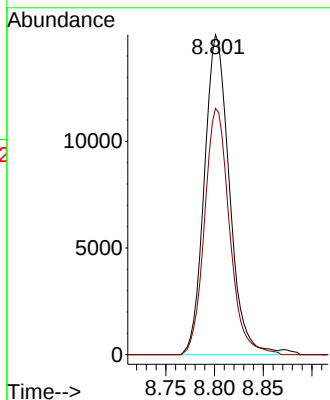
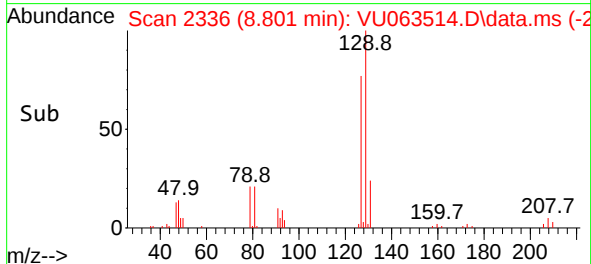
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 26834
Ion Ratio Lower Upper
129 100
127 76.8 60.1 90.1

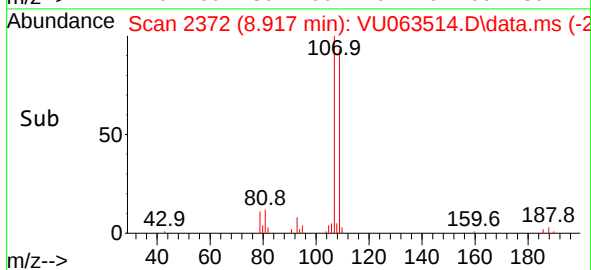
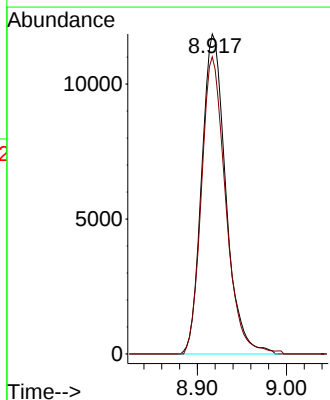
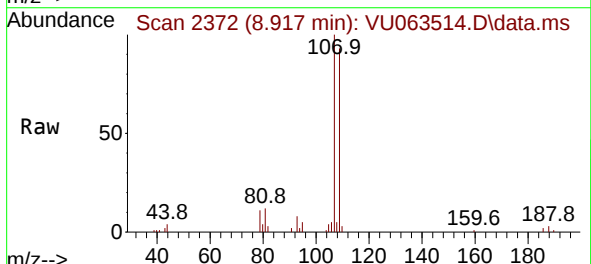
Manual Integrations
APPROVED

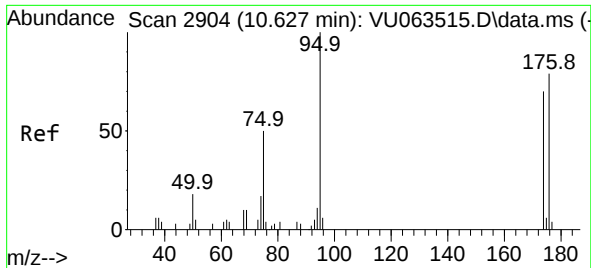
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#56
1,2-Dibromoethane
Concen: 4.971 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

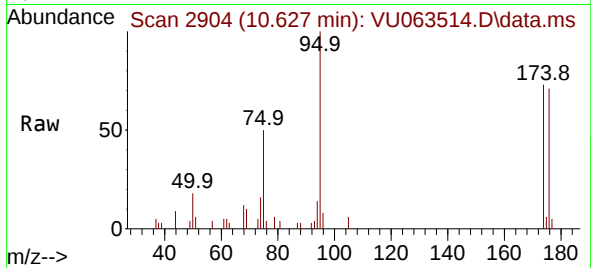
Tgt Ion:107 Resp: 22293
Ion Ratio Lower Upper
107 100
109 93.3 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.953 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

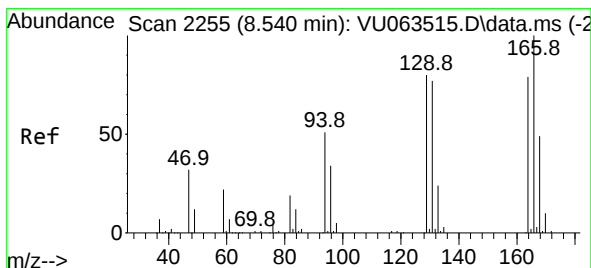
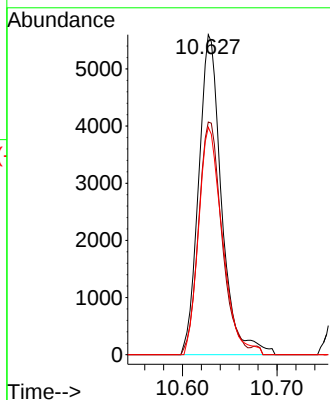
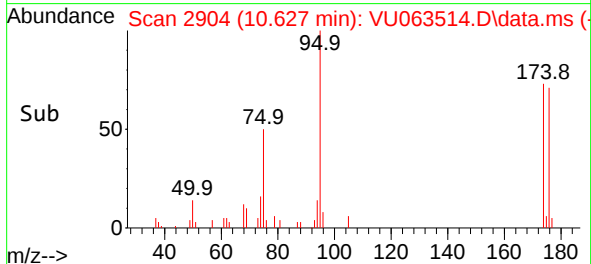
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



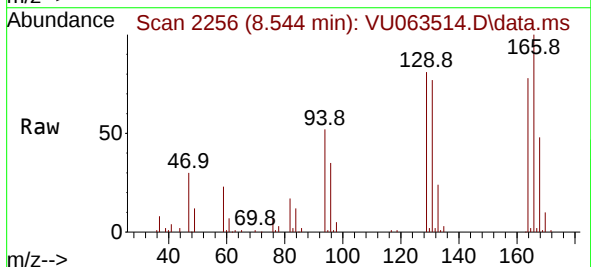
Tgt Ion: 95 Resp: 940
Ion Ratio Lower Upper
95 100
174 74.4 59.8 89.8
176 74.1 61.8 92.8

Manual Integrations
APPROVED

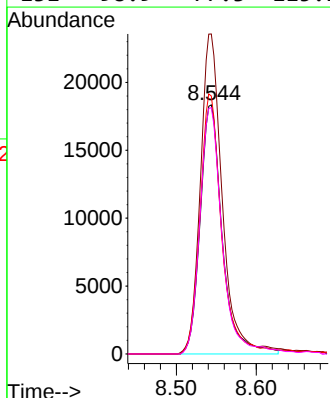
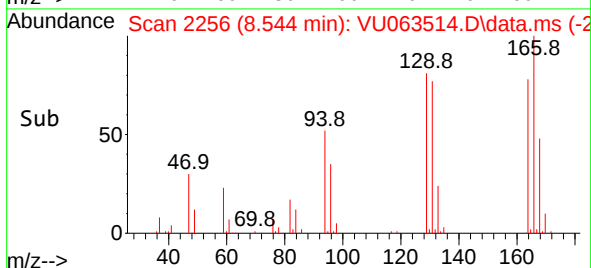
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

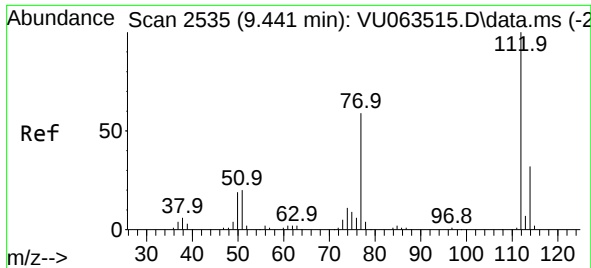


#58
Tetrachloroethene
Concen: 4.909 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



Tgt Ion:164 Resp: 35190
Ion Ratio Lower Upper
164 100
166 128.5 100.7 151.1
129 103.5 80.6 120.8
131 98.9 77.3 115.9





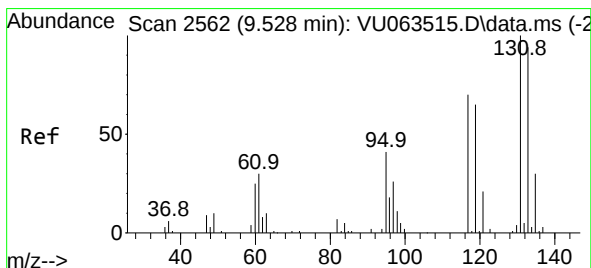
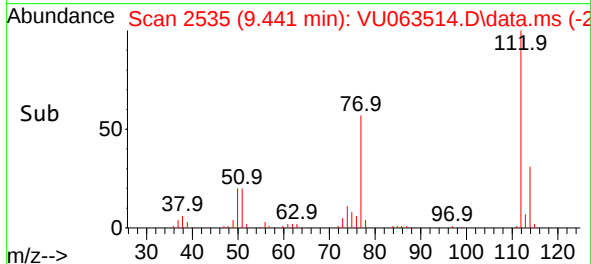
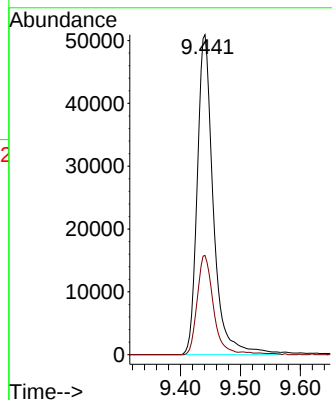
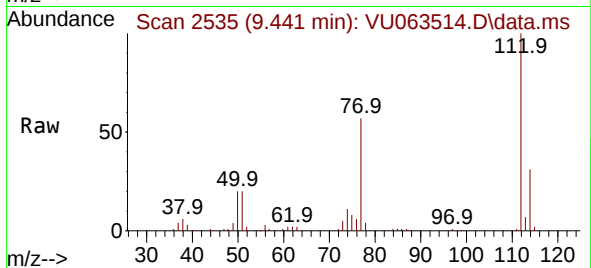
#59
Chlorobenzene
Concen: 4.955 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 95389
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

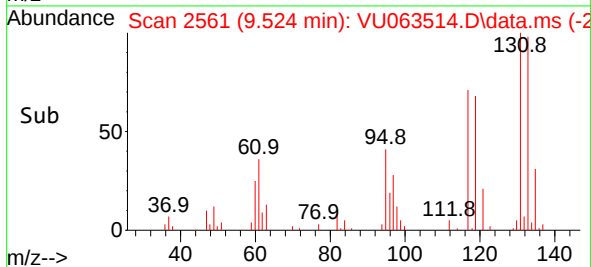
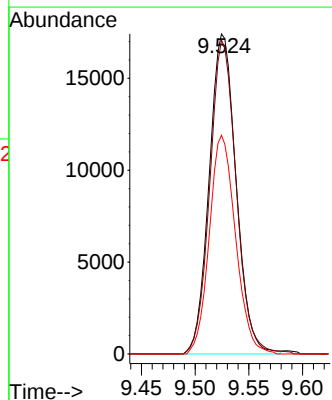
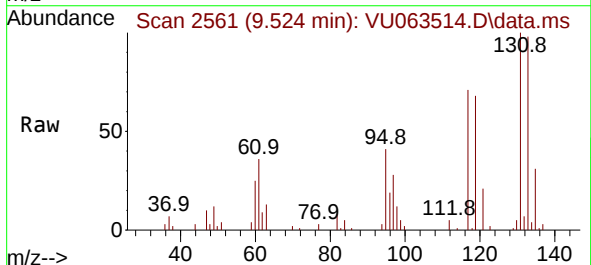
Manual Integrations
APPROVED

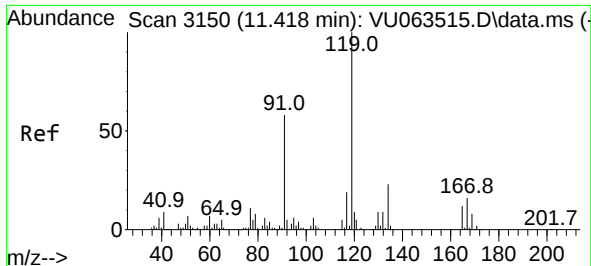
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 4.901 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:131 Resp: 30337
Ion Ratio Lower Upper
131 100
133 96.2 74.7 112.1
119 66.6 53.0 79.4





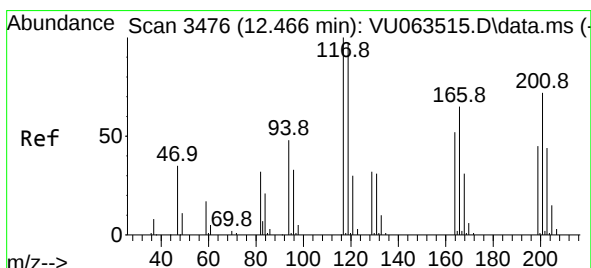
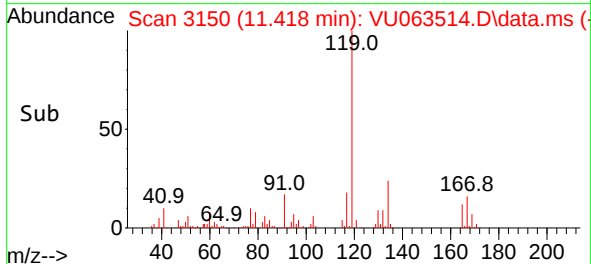
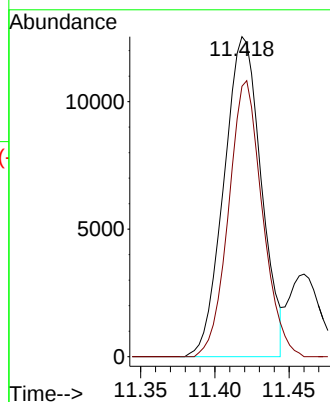
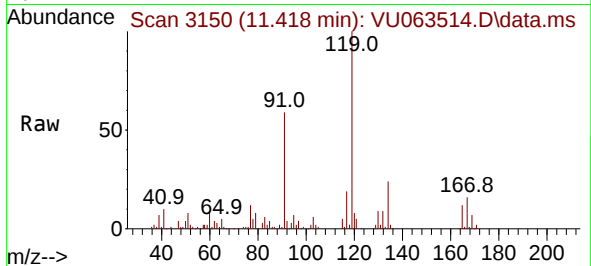
#61
Pentachloroethane
Concen: 5.020 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 21958
Ion Ratio Lower Upper
117 100
167 77.9 65.0 97.6

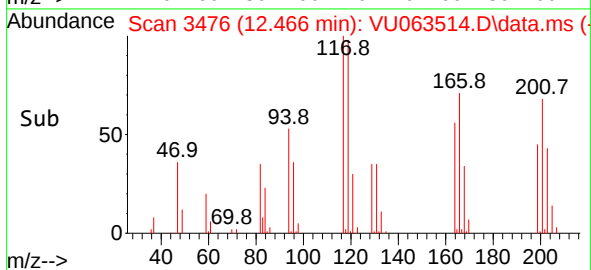
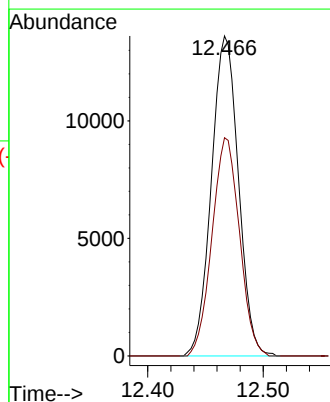
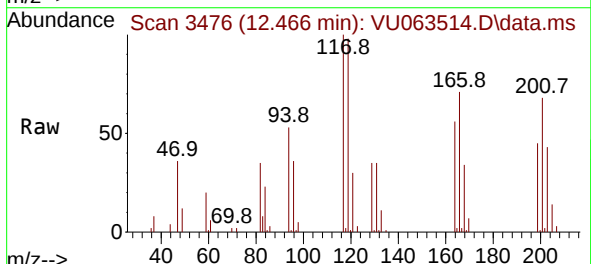
Manual Integrations
APPROVED

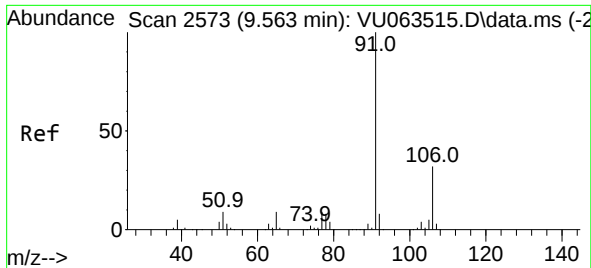
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
Hexachloroethane
Concen: 5.110 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

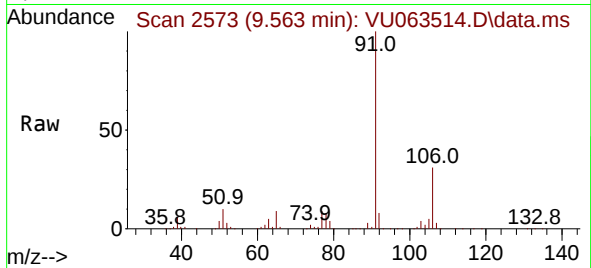
Tgt Ion:117 Resp: 22137
Ion Ratio Lower Upper
117 100
201 69.3 57.4 86.0





#63
Ethyl Benzene
Concen: 4.951 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

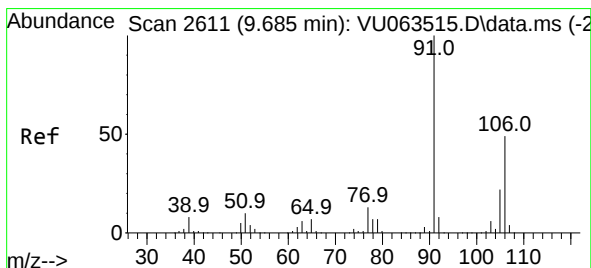
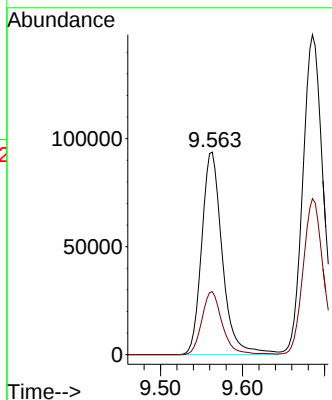
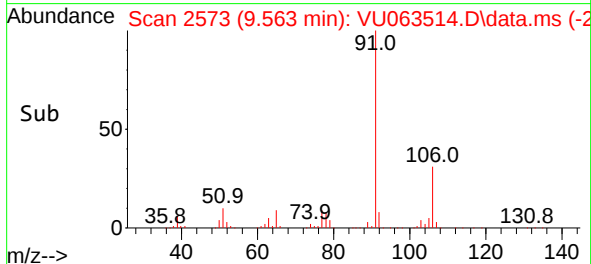
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 163990
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

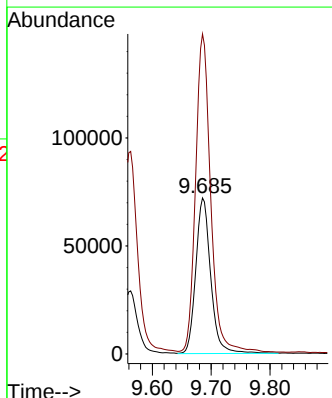
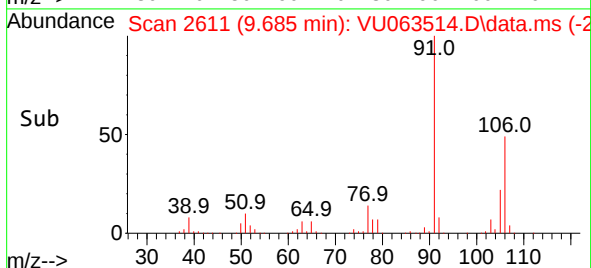
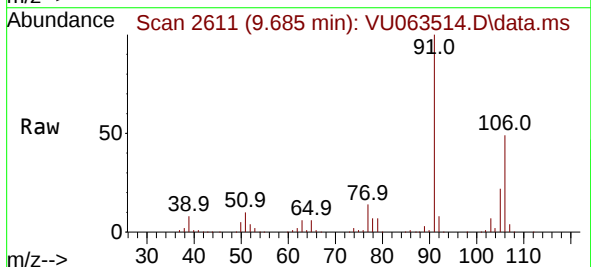
Manual Integrations
APPROVED

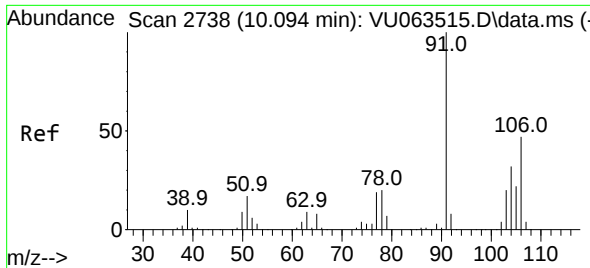
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
m/p-Xylenes
Concen: 9.878 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:106 Resp: 127196
Ion Ratio Lower Upper
106 100
91 207.3 163.6 245.4





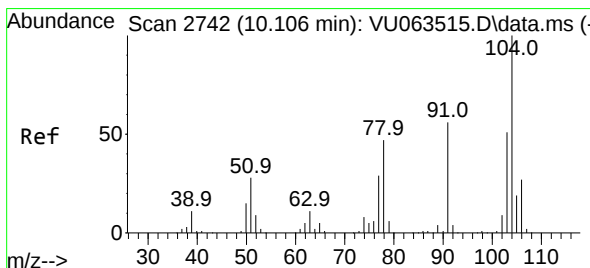
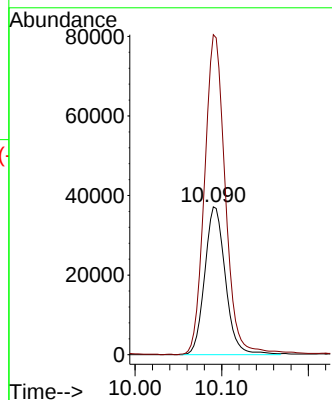
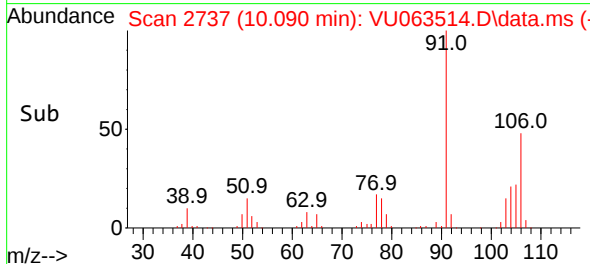
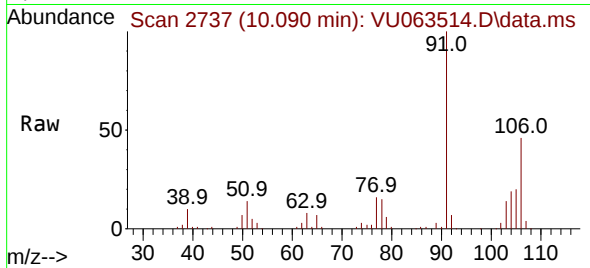
#65
o-Xylene
Concen: 4.982 ug/l
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6164
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.4

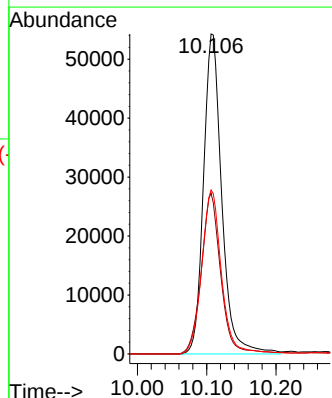
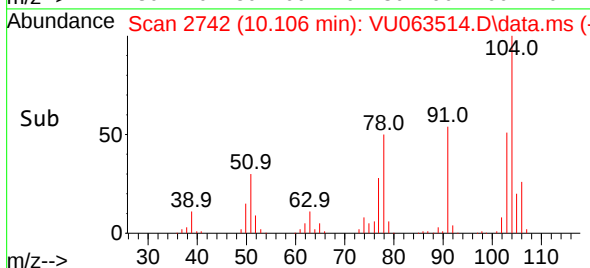
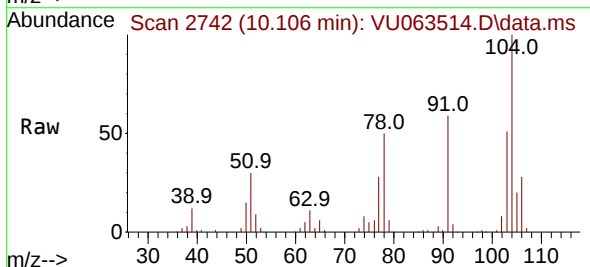
Manual Integrations
APPROVED

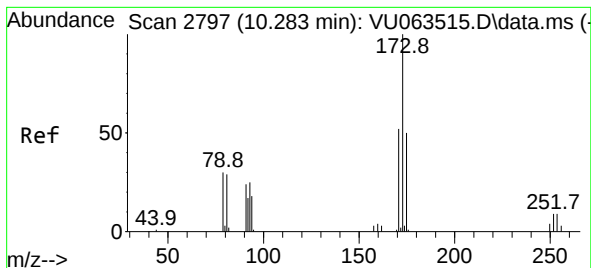
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
Styrene
Concen: 5.046 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:104 Resp: 99507
Ion Ratio Lower Upper
104 100
78 53.2 41.3 61.9
103 55.4 43.6 65.4





#67

Bromoform

Concen: 5.030 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

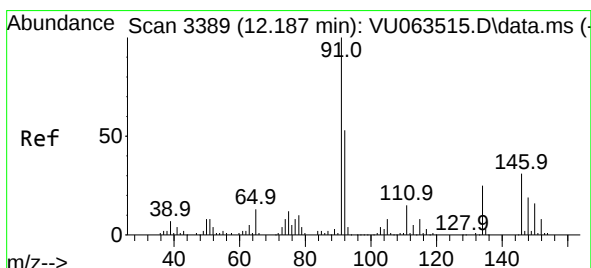
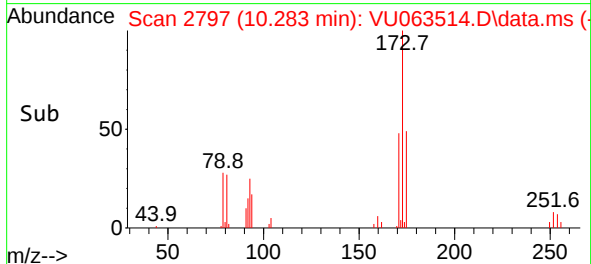
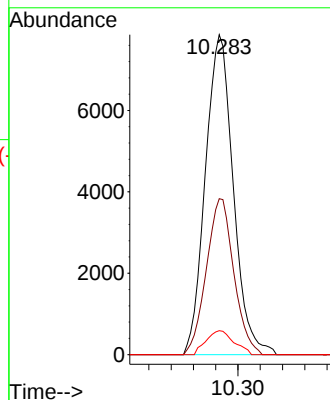
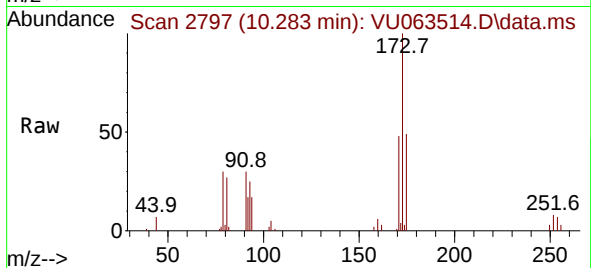
VSTDICC005

Tgt Ion:173	Resp:	13680
Ion Ratio	Lower	Upper
173	100	
175	47.9	39.0 58.4
254	7.4	6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.978 ug/l

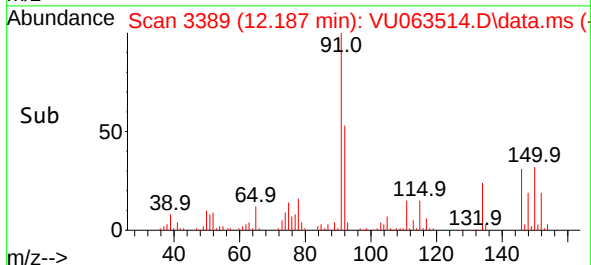
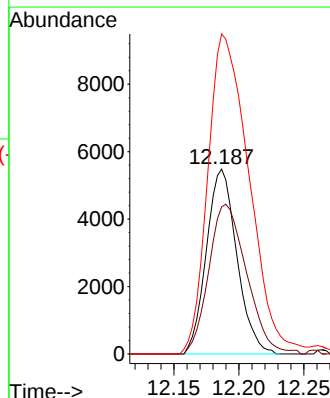
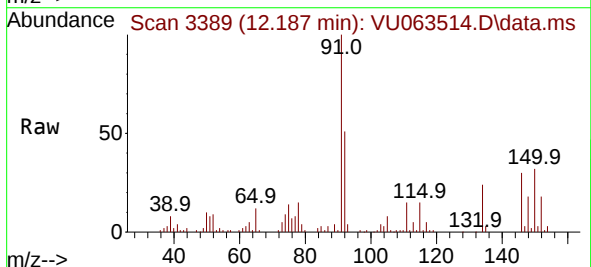
RT: 12.187 min Scan# 3389

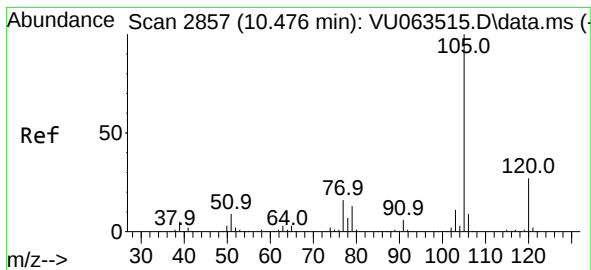
Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion:152	Resp:	8923
Ion Ratio	Lower	Upper
152	100	
115	100.6	0.0 262.2
150	234.6	0.0 651.2





#69

Isopropylbenzene

Concen: 5.002 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 149628

Ion Ratio Lower Upper

105 100

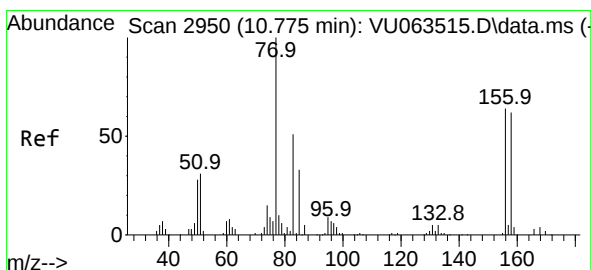
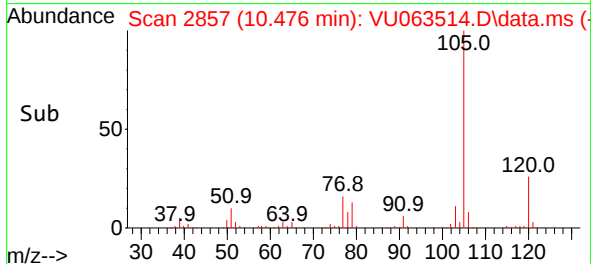
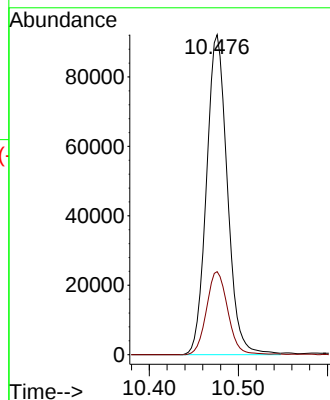
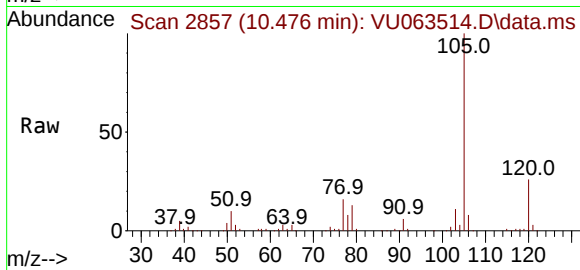
120 26.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 4.906 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

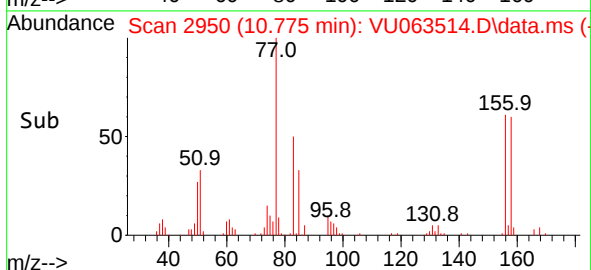
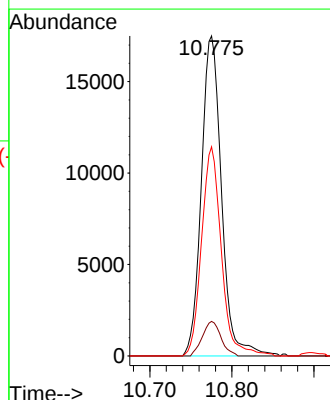
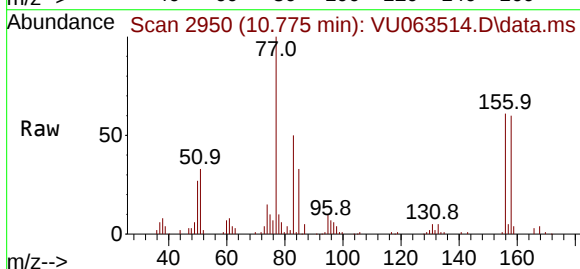
Tgt Ion: 83 Resp: 29913

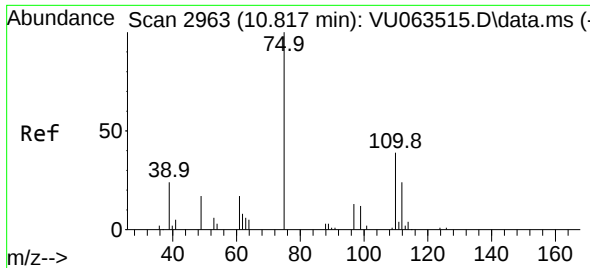
Ion Ratio Lower Upper

83 100

131 10.0 8.4 12.6

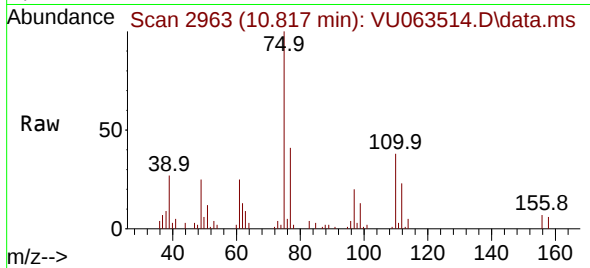
85 64.1 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 4.645 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

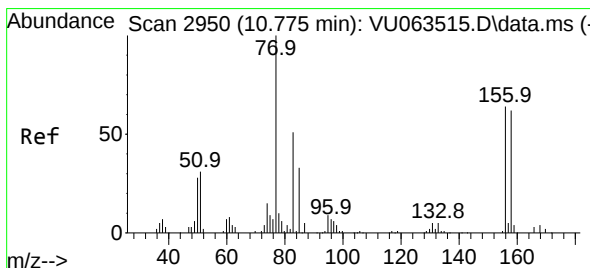
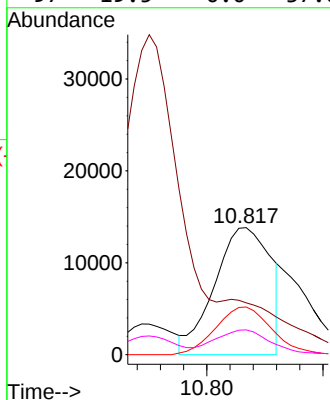
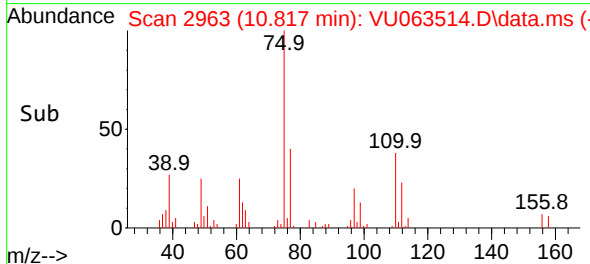
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



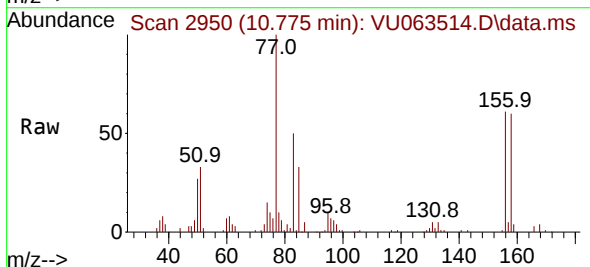
Tgt Ion: 75 Resp: 2311
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 37.7 0.0 73.2
97 19.5 0.0 37.6

Manual Integrations
APPROVED

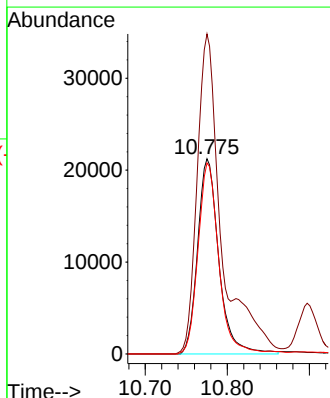
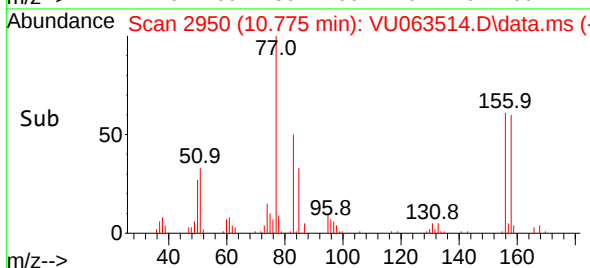
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

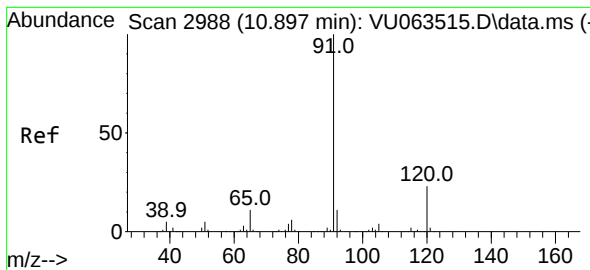


#72
Bromobenzene
Concen: 4.941 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



Tgt Ion:156 Resp: 38144
Ion Ratio Lower Upper
156 100
77 156.6 0.0 315.2
158 95.5 0.0 195.4





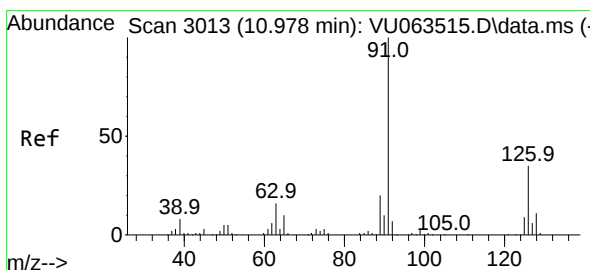
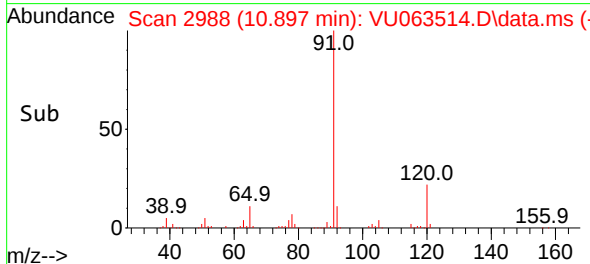
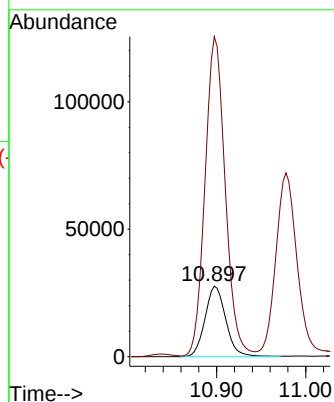
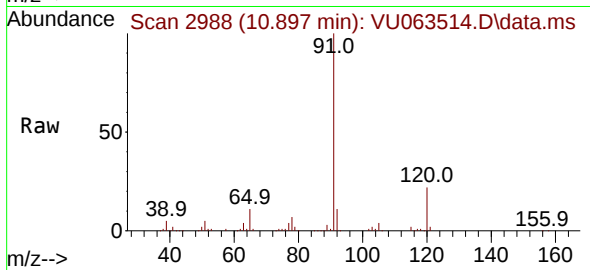
#73
n-propylbenzene
Concen: 4.978 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:120 Resp: 44825
Ion Ratio Lower Upper
120 100
91 438.5 343.1 514.7

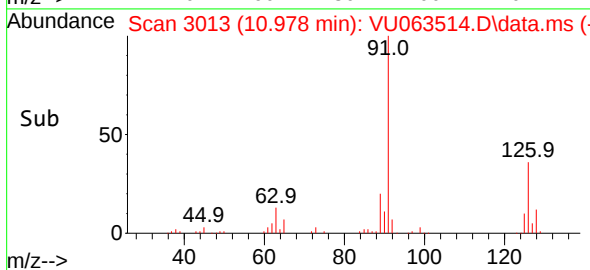
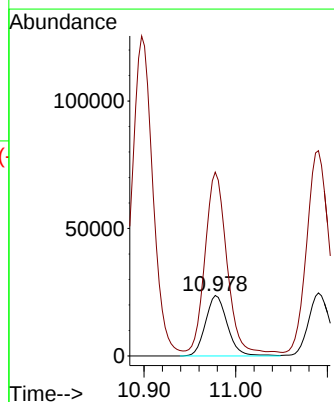
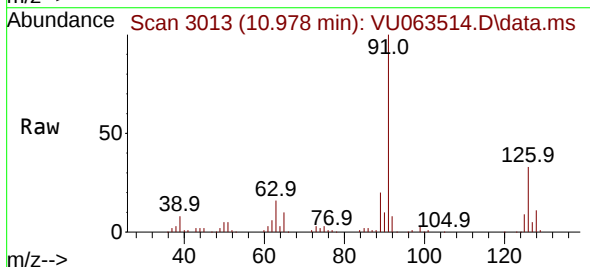
Manual Integrations
APPROVED

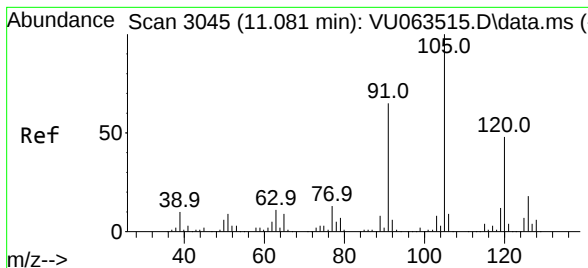
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
2-Chlorotoluene
Concen: 4.932 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion:126 Resp: 39249
Ion Ratio Lower Upper
126 100
91 292.1 0.0 606.0





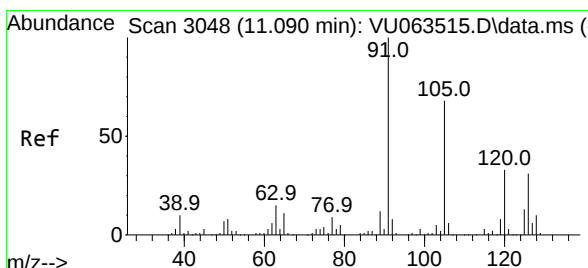
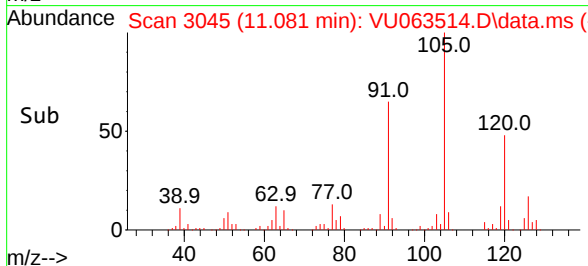
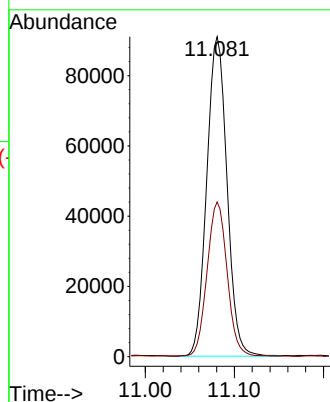
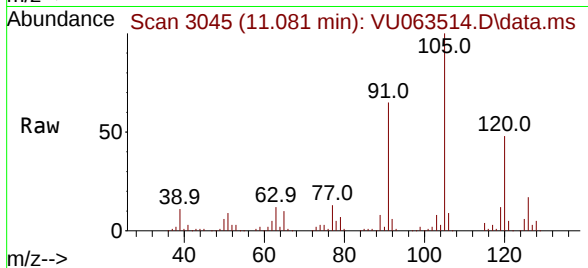
#75
1,3,5-Trimethylbenzene
Concen: 5.025 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 143598
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8

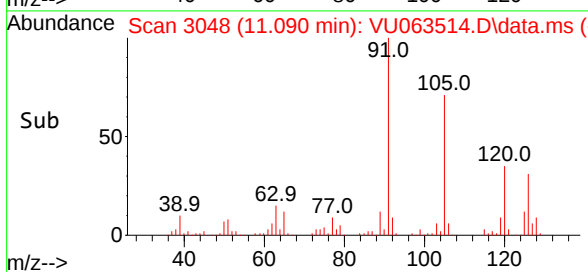
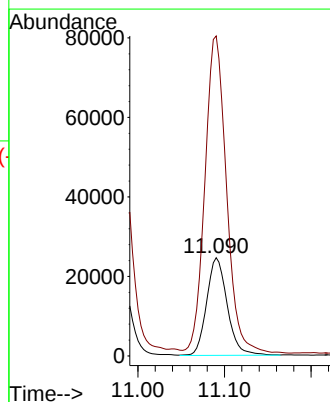
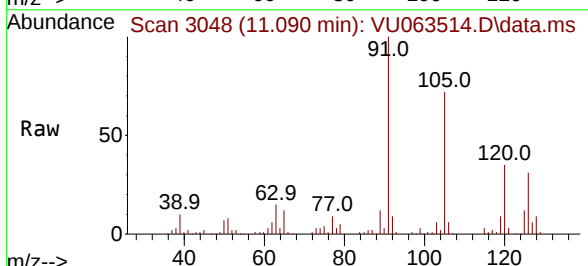
Manual Integrations
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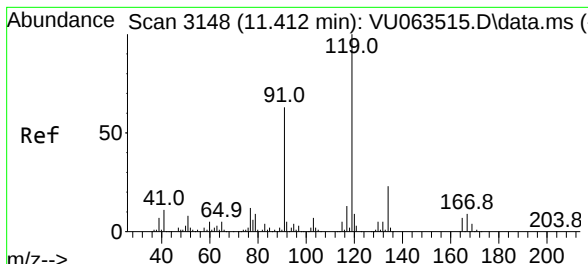
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
4-Chlorotoluene
Concen: 5.014 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

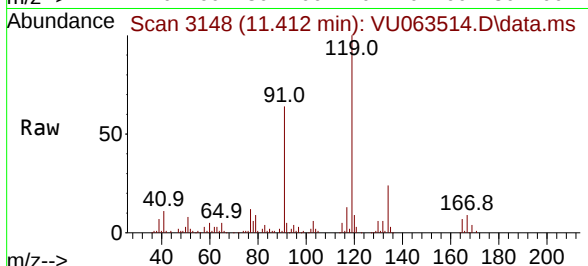
Tgt Ion:126 Resp: 40518
Ion Ratio Lower Upper
126 100
91 341.9 0.0 682.2





#77
 tert-Butylbenzene
 Concen: 4.970 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00

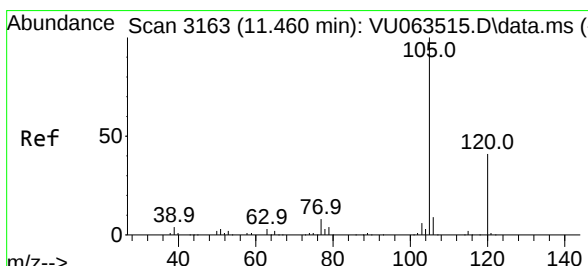
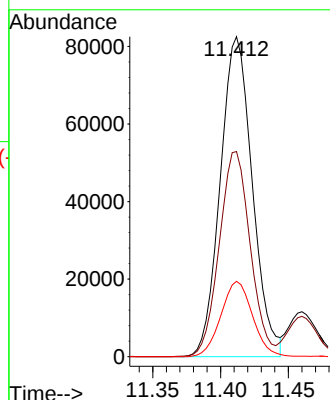
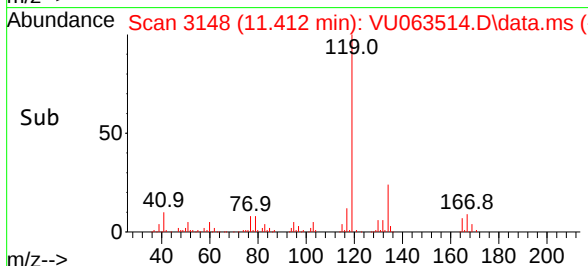
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



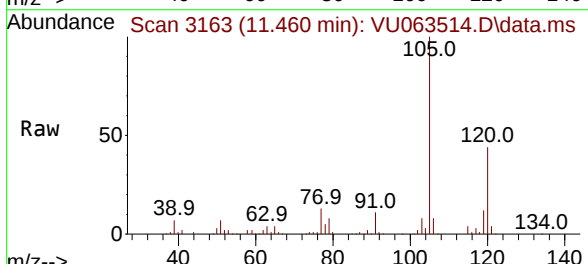
Tgt Ion:119 Resp: 13573
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.7 92.1
 134 23.3 18.5 27.7

Manual Integrations
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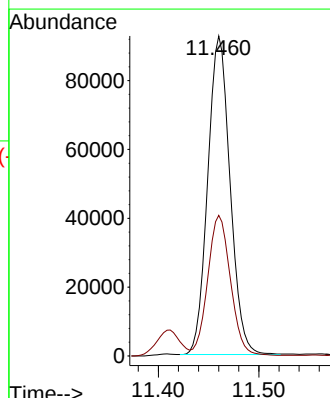
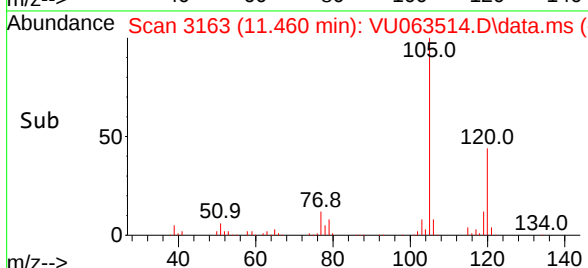
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

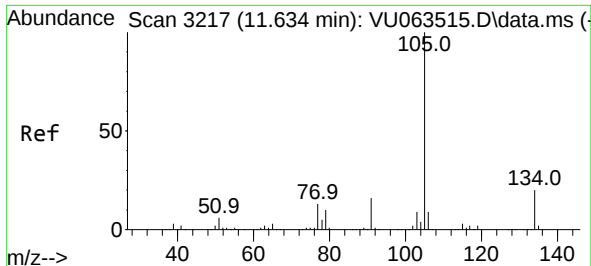


#78
 1,2,4-Trimethylbenzene
 Concen: 5.038 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU063514.D
 Acq: 16 Jul 2025 11:00



Tgt Ion:105 Resp: 142811
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.0





#79

sec-Butylbenzene

Concen: 5.015 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 18468

Ion Ratio Lower Upper

105 100

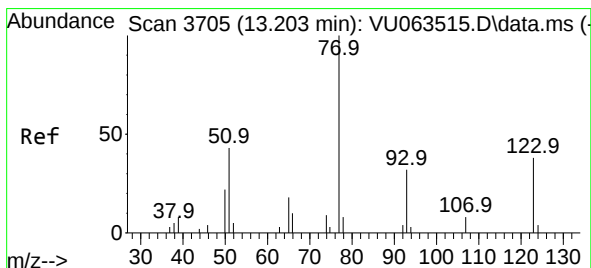
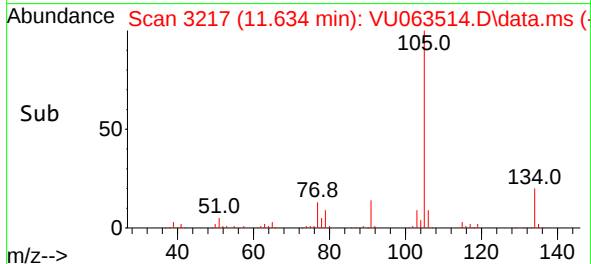
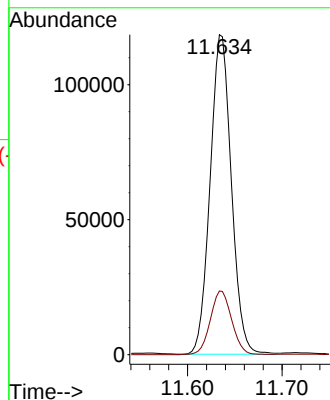
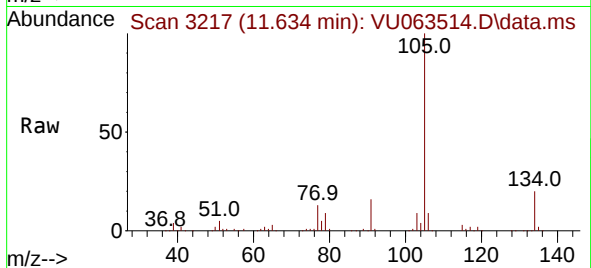
134 20.1 16.2 24.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#80

Nitrobenzene

Concen: 23.955 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

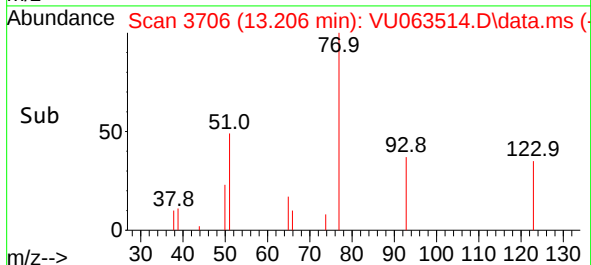
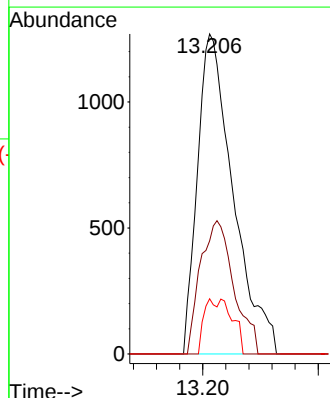
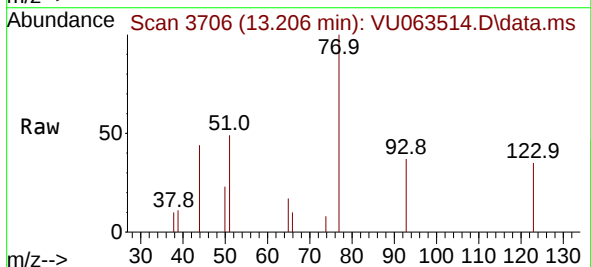
Tgt Ion: 77 Resp: 2721

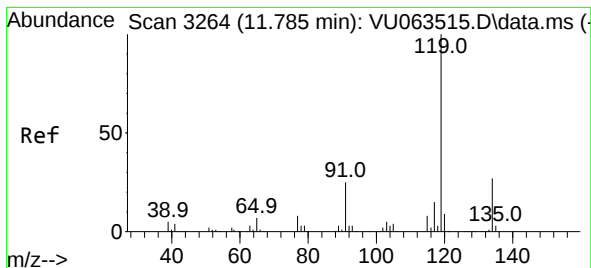
Ion Ratio Lower Upper

77 100

123 39.0 16.9 59.7

65 6.5 16.5 20.9#





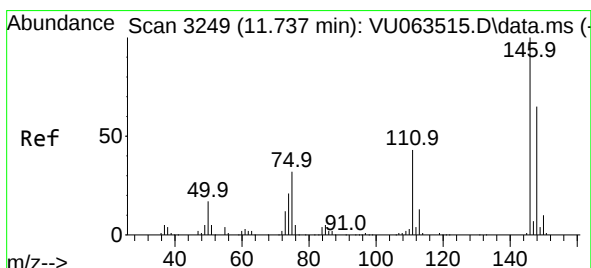
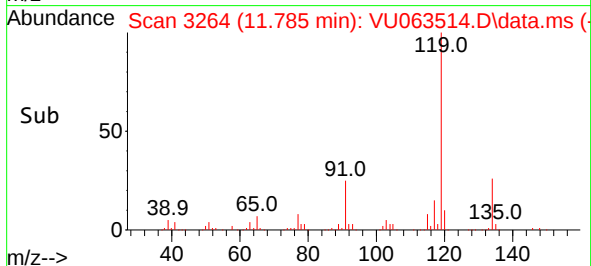
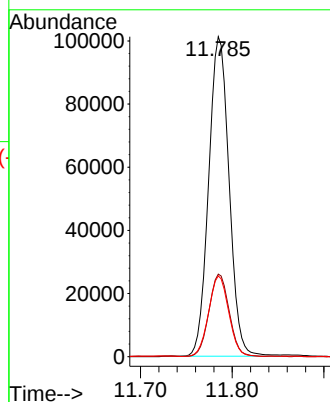
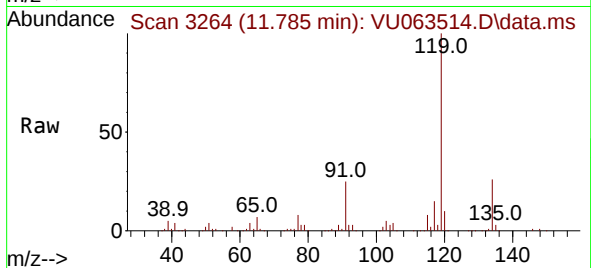
#81
p-Isopropyltoluene
Concen: 5.093 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 15656
Ion Ratio Lower Upper
119 100
134 25.3 21.1 31.7
91 24.6 19.8 29.8

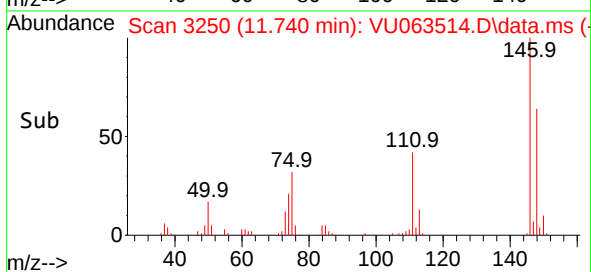
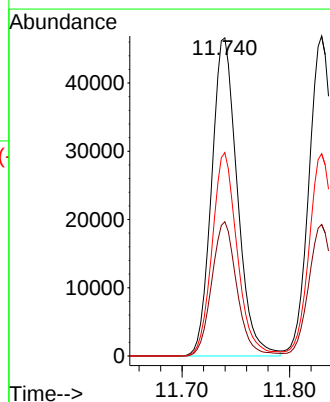
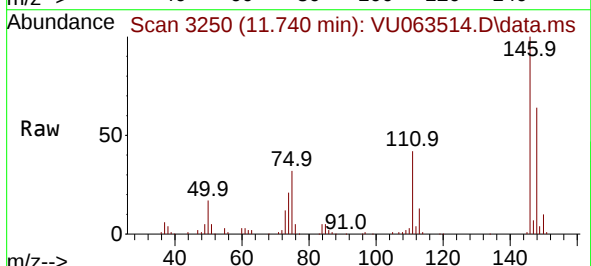
Manual Integrations
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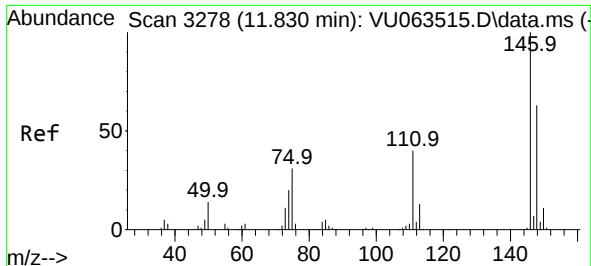
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
1,3-Dichlorobenzene
Concen: 5.007 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

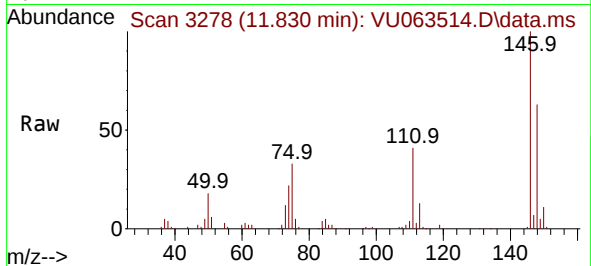
Tgt Ion:146 Resp: 77340
Ion Ratio Lower Upper
146 100
111 41.4 33.8 50.6
148 62.7 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 4.975 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

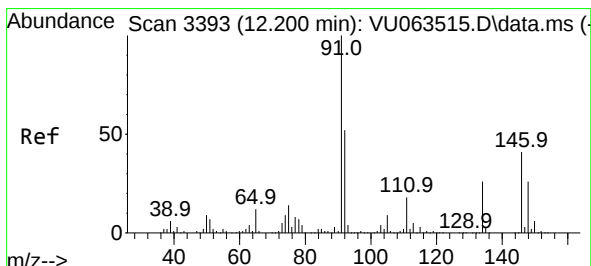
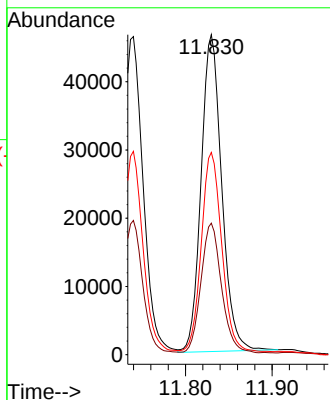
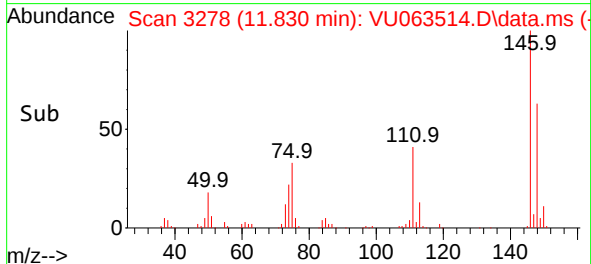
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



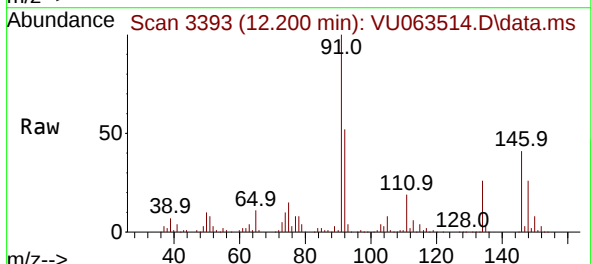
Tgt Ion:146 Resp: 76910
Ion Ratio Lower Upper
146 100
111 40.9 32.0 48.0
148 63.1 50.2 75.2

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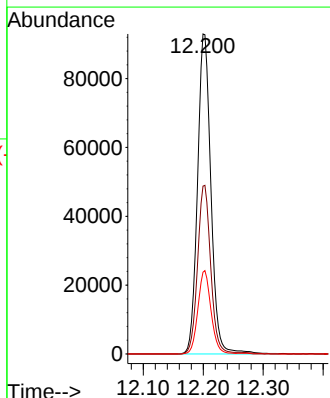
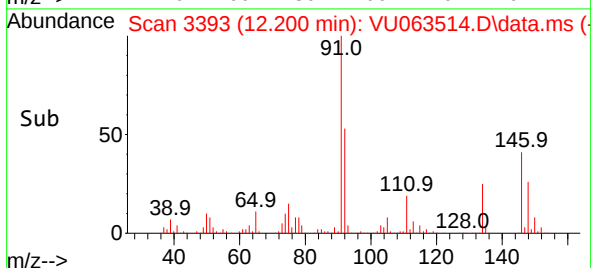
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

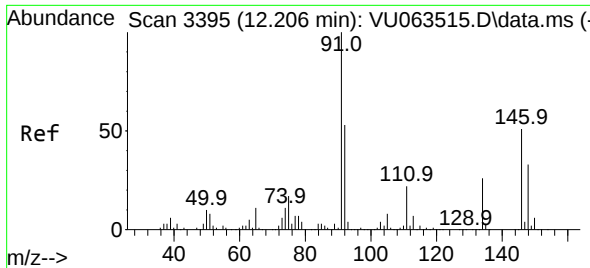


#84
n-Butylbenzene
Concen: 5.087 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



Tgt Ion: 91 Resp: 145033
Ion Ratio Lower Upper
91 100
92 52.0 41.5 62.3
134 25.4 20.6 30.8





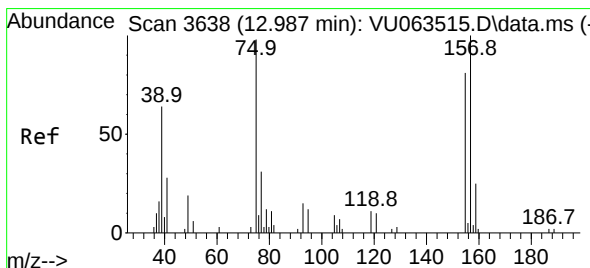
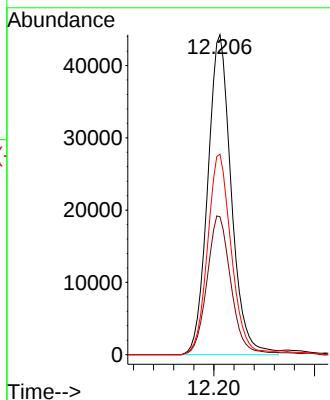
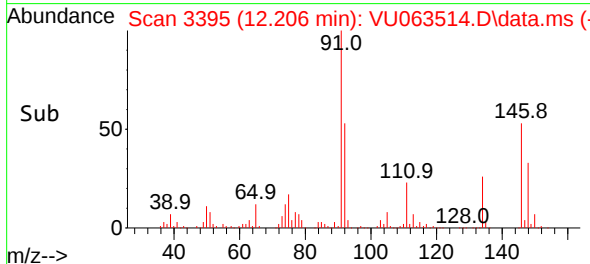
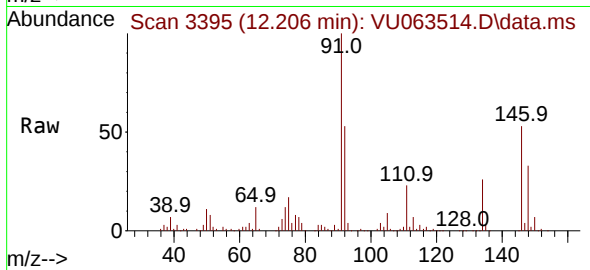
#85
1,2-Dichlorobenzene
Concen: 4.958 ug/l
RT: 12.206 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 7194
Ion Ratio Lower Upper
146 100
111 44.5 21.7 65.1
148 63.3 31.8 95.3

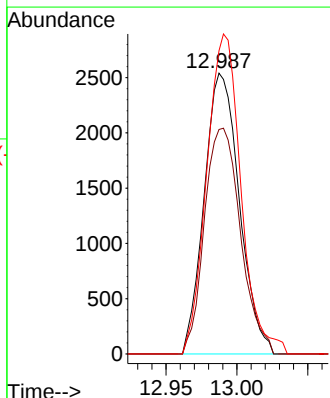
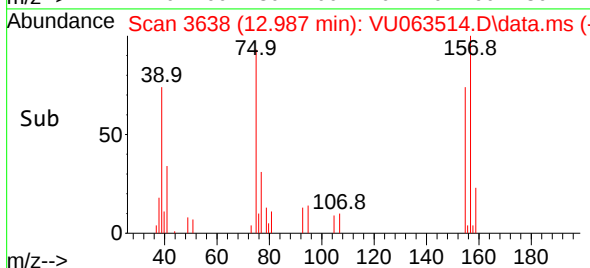
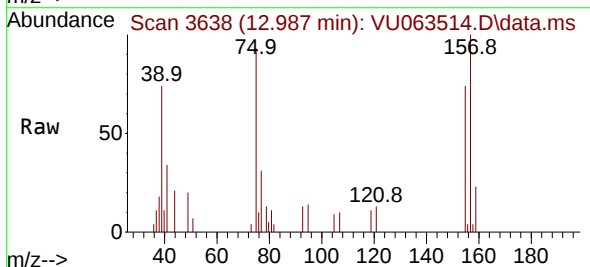
Manual Integrations
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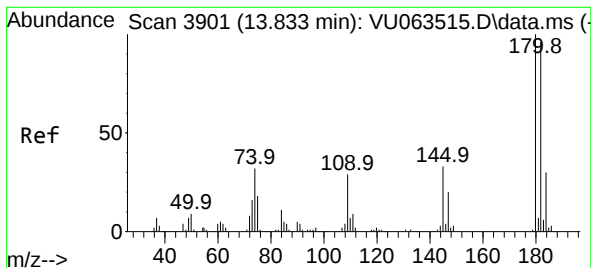
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 4.863 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

Tgt Ion: 75 Resp: 4378
Ion Ratio Lower Upper
75 100
155 82.6 65.8 98.6
157 111.0 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 4.931 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

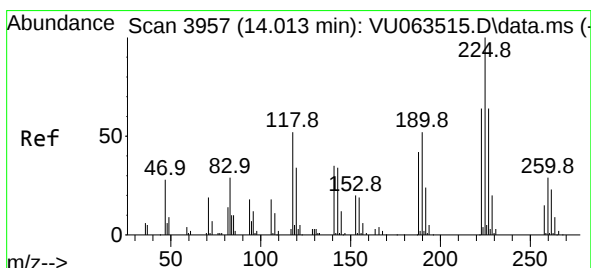
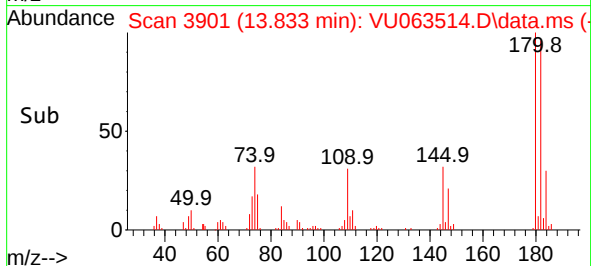
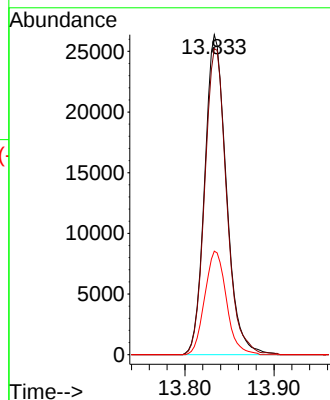
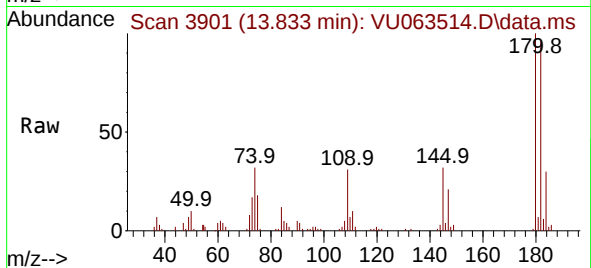
Tgt Ion:180 Resp: 44492

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.4
145	32.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88

Hexachlorobutadiene

Concen: 4.948 ug/l

RT: 14.013 min Scan# 3957

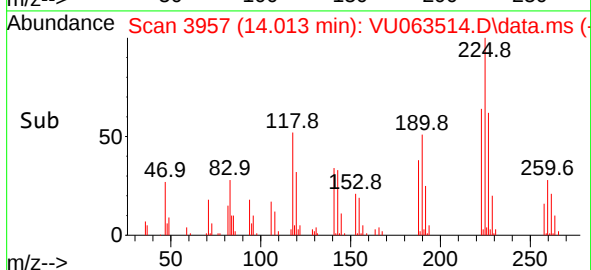
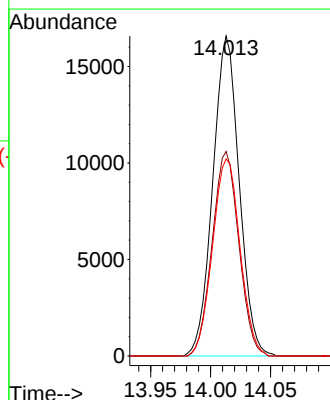
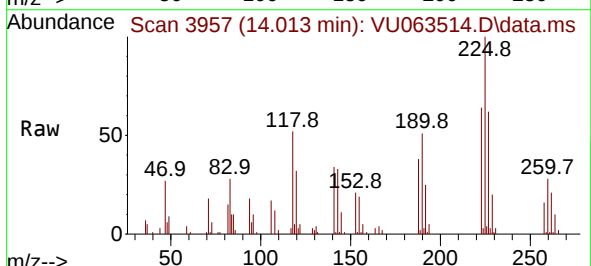
Delta R.T. 0.000 min

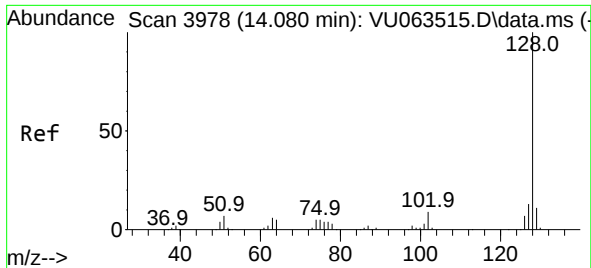
Lab File: VU063514.D

Acq: 16 Jul 2025 11:00

Tgt Ion:225 Resp: 25355

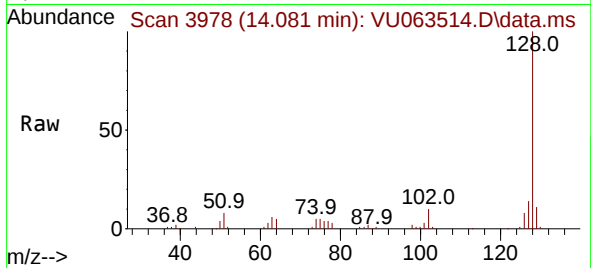
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.8	76.2
227	64.1	51.0	76.6





#89
Naphthalene
Concen: 4.728 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. 0.001 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00

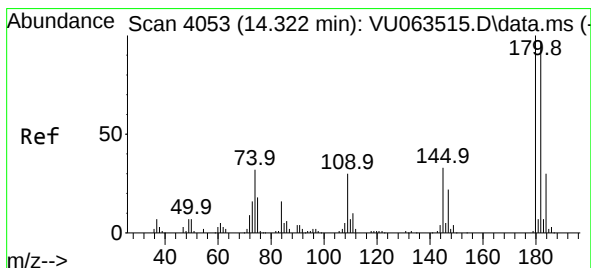
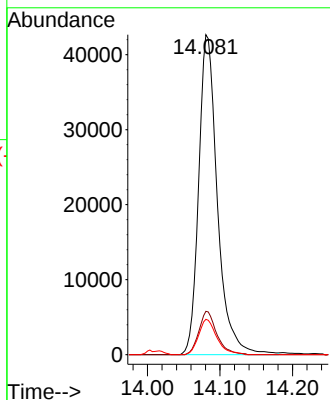
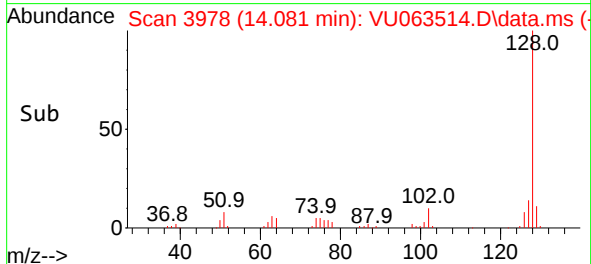
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



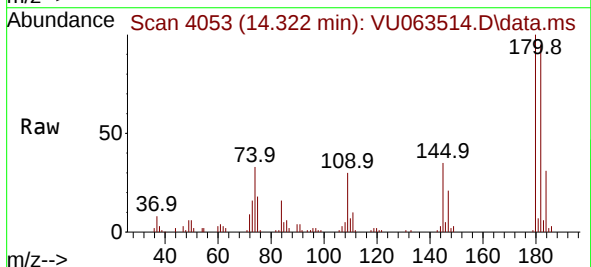
Tgt Ion:128 Resp: 76448
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90
1,2,3-Trichlorobenzene
Concen: 5.017 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063514.D
Acq: 16 Jul 2025 11:00



Tgt Ion:180 Resp: 41834
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 33.9 27.3 40.9

