

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026718.D
 Acq On : 6 Aug 2025 15:43
 Operator : SY/MD
 Sample : VR0806WBSD01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0806WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

Quant Time: Aug 07 01:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.285	168	390484	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.315	114	682860	50.000	ug/l	-0.02
62) Chlorobenzene-d5	11.524	117	554694	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.732	152	277456	50.000	ug/l	-0.02

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	238198	48.196	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.400%
34) Dibromofluoromethane	7.189	113	200760	47.534	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
49) Toluene-d8	10.026	98	813984	53.794	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.580%
61) 4-Bromofluorobenzene	12.660	95	231301	53.744	ug/l	-0.02
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.657	85	54459	19.136	ug/l	89
3) Chloromethane	1.836	50	85637	20.243	ug/l	93
4) Vinyl Chloride	1.952	62	96063	22.222	ug/l	99
5) Bromomethane	2.298	94	54201	25.730	ug/l	91
6) Chloroethane	2.424	64	66081	23.741	ug/l	94
7) Trichlorofluoromethane	2.706	101	207242	26.598	ug/l	96
8) Diethyl Ether	3.069	74	62636	18.118	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.377	101	79126	18.824	ug/l	98
10) Methyl Iodide	3.540	142	72785	17.942	ug/l	99
11) Tert butyl alcohol	4.304	59	60347	78.043	ug/l #	74
12) 1,1-Dichloroethene	3.351	96	75894	18.271	ug/l	94
13) Acrolein	3.239	56	106444	94.170	ug/l	98
14) Allyl chloride	3.871	41	140175	17.153	ug/l	95
15) Acrylonitrile	4.468	53	304799	99.301	ug/l	97
16) Acetone	3.434	43	217502	93.767	ug/l	92
17) Carbon Disulfide	3.630	76	82676	13.446	ug/l #	86
18) Methyl Acetate	3.890	43	207089	21.391	ug/l #	74
19) Methyl tert-butyl Ether	4.542	73	293967	17.684	ug/l	100
20) Methylene Chloride	4.076	84	98879	17.963	ug/l	91
21) trans-1,2-Dichloroethene	4.519	96	79555	17.422	ug/l	94
22) Diisopropyl ether	5.462	45	371289	19.389	ug/l #	90
23) Vinyl Acetate	5.382	43	1109361	101.602	ug/l #	91
24) 1,1-Dichloroethane	5.312	63	177736	18.328	ug/l	99
25) 2-Butanone	6.358	43	367738	102.427	ug/l #	88
26) 2,2-Dichloropropane	6.342	77	99842	14.893	ug/l #	54
27) cis-1,2-Dichloroethene	6.348	96	109100	18.571	ug/l	99
28) Bromochloromethane	6.736	49	66586	19.055	ug/l	99
29) Chloroform	6.942	83	162676	19.365	ug/l	97
30) Cyclohexane	7.263	56	138542	17.690	ug/l	95
31) 1,1,1-Trichloroethane	7.163	97	113115	18.641	ug/l	97
35) 1,1-Dichloropropene	7.420	75	101500	19.050	ug/l	94
36) Ethyl Acetate	6.470	43	123402	19.346	ug/l	97
37) Carbon Tetrachloride	7.391	117	84123m	19.386	ug/l	
38) Methylcyclohexane	8.880	83	120567	19.768	ug/l	97
39) Benzene	7.699	78	386339	20.135	ug/l	94
40) Methacrylonitrile	6.711	41	80195	20.230	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	103398	21.186	ug/l	97
42) Isopropyl Acetate	7.859	43	197463	19.252	ug/l	98
43) Trichloroethene	8.594	130	79671	21.591	ug/l	88
44) 1,2-Dichloropropane	8.912	63	95937	21.128	ug/l	97
45) Dibromomethane	9.005	93	54114	21.429	ug/l #	78
46) Bromodichloromethane	9.239	83	101520	20.749	ug/l	98
47) Methyl methacrylate	9.021	41	98036	21.839	ug/l	98
48) 1,4-Dioxane	9.011	88	31717	438.622	ug/l #	88
50) 4-Methyl-2-Pentanone	9.910	43	647265	120.877	ug/l	95
51) Toluene	10.096	92	222452	22.711	ug/l	99
52) t-1,3-Dichloropropene	10.359	75	88626	18.480	ug/l	97
53) cis-1,3-Dichloropropene	9.737	75	113101	19.662	ug/l	92
54) 1,1,2-Trichloroethane	10.558	97	86901	24.293	ug/l	97
55) Ethyl methacrylate	10.423	69	128409	21.737	ug/l	96
56) 1,3-Dichloropropane	10.722	76	137254	22.526	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.579	63	31789	97.375	ug/l	93
58) 2-Hexanone	10.786	43	420403	116.459	ug/l	98
59) Dibromochloromethane	10.943	129	65540	21.649	ug/l	97
60) 1,2-Dibromoethane	11.059	107	76460	24.835	ug/l	93
63) Tetrachloroethene	10.642	164	60720	20.038	ug/l	92
64) Chlorobenzene	11.556	112	240005	20.790	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.643	131	61777	19.593	ug/l	94
66) Ethyl Benzene	11.649	91	390727	20.271	ug/l	97
67) m/p-Xylenes	11.778	106	312895	40.631	ug/l	98
68) o-Xylene	12.147	106	154620	20.684	ug/l	99
69) Styrene	12.166	104	270098	21.621	ug/l	96
70) Bromoform	12.349	173	34502	19.334	ug/l #	99
72) Isopropylbenzene	12.493	105	380461	19.239	ug/l	99
73) N-amyl acetate	12.291	43	141715	18.074	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.776	83	119347	20.569	ug/l	94
75) 1,2,3-Trichloropropane	12.830	75	92471m	20.106	ug/l	
76) Bromobenzene	12.804	156	86383	18.875	ug/l	96
77) n-propylbenzene	12.881	91	465957	19.749	ug/l	99
78) 2-Chlorotoluene	12.975	91	258530	19.313	ug/l	95
79) 1,3,5-Trimethylbenzene	13.039	105	303044	19.596	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.541	75	23309	14.761	ug/l #	78
81) 4-Chlorotoluene	13.084	91	259998	19.013	ug/l	96
82) tert-Butylbenzene	13.340	119	284416	20.220	ug/l	95
83) 1,2,4-Trimethylbenzene	13.388	105	298489	19.499	ug/l	99
84) sec-Butylbenzene	13.536	105	420720	20.169	ug/l	100
85) p-Isopropyltoluene	13.671	119	336593	19.790	ug/l	98
86) 1,3-Dichlorobenzene	13.661	146	178080	19.848	ug/l	97
87) 1,4-Dichlorobenzene	13.751	146	185466	20.595	ug/l	98
88) n-Butylbenzene	14.040	91	310631	19.815	ug/l	99
89) Hexachloroethane	14.338	117	43880	17.966	ug/l	94
90) 1,2-Dichlorobenzene	14.082	146	176382	20.931	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.778	75	13909	18.002	ug/l	87
92) 1,2,4-Trichlorobenzene	15.538	180	103465	20.533	ug/l	90
93) Hexachlorobutadiene	15.667	225	35895	21.925	ug/l	96
94) Naphthalene	15.824	128	336141	21.769	ug/l	99
95) 1,2,3-Trichlorobenzene	16.042	180	104849	21.918	ug/l	100

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QLast Update : Tue Aug 05 02:27:49 2025
Response via : Initial Calibration

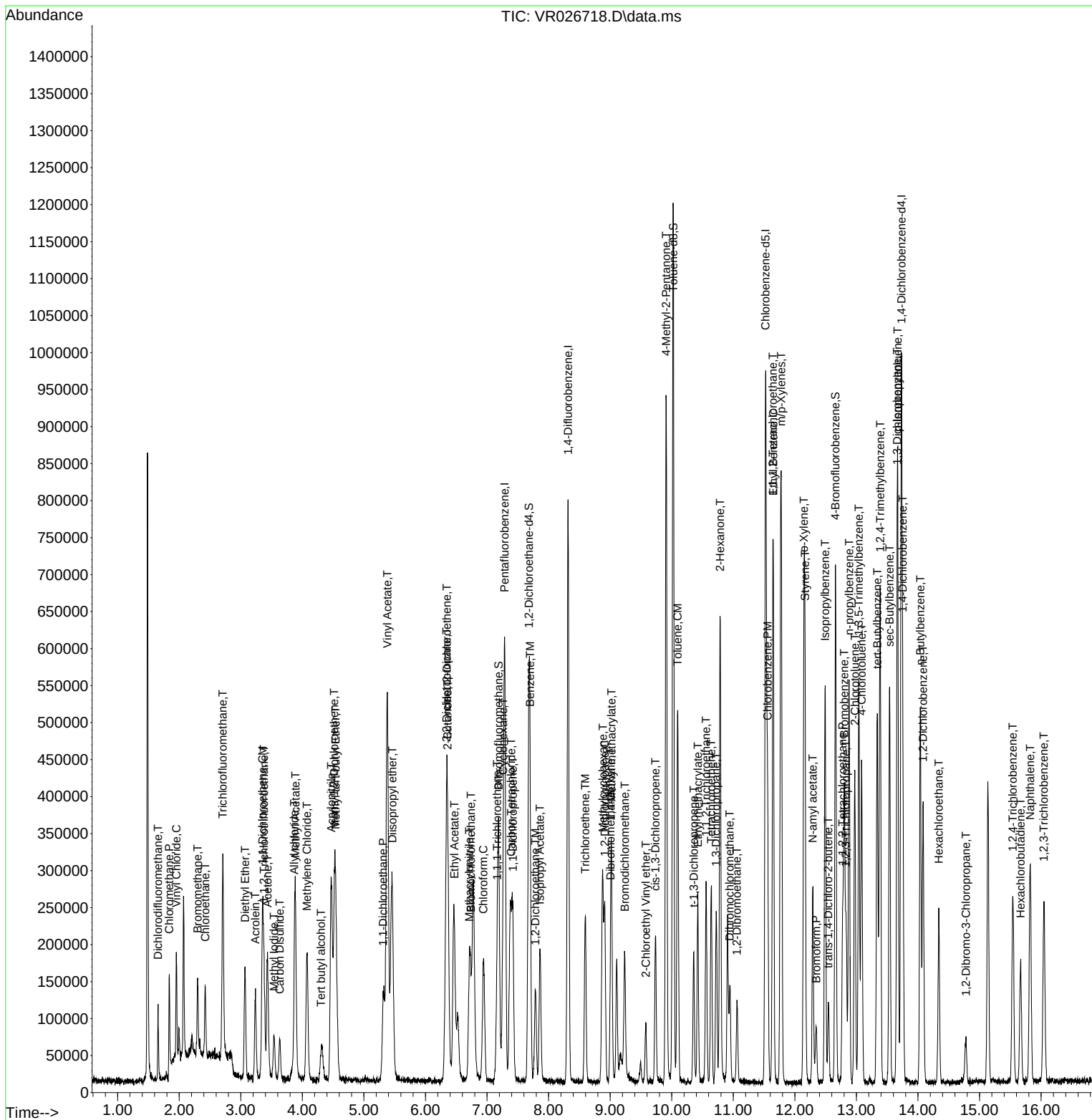
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

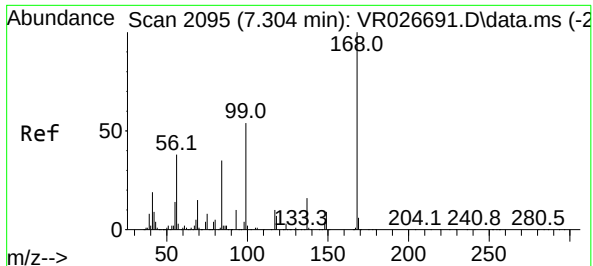
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations

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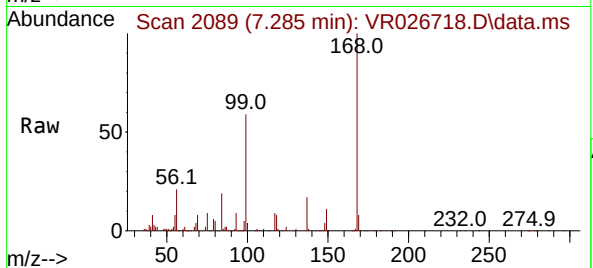
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.285 min Scan# 2095
Delta R.T. -0.019 min
Lab File: VR026718.D
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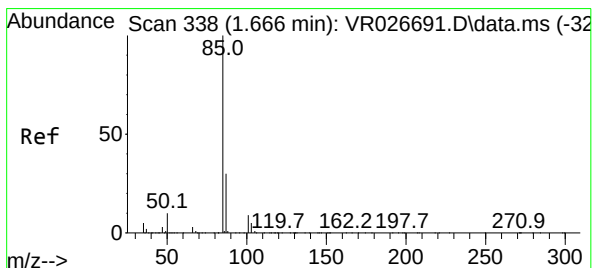
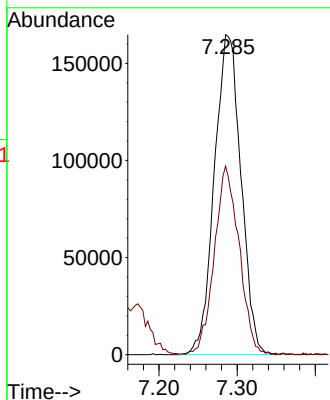
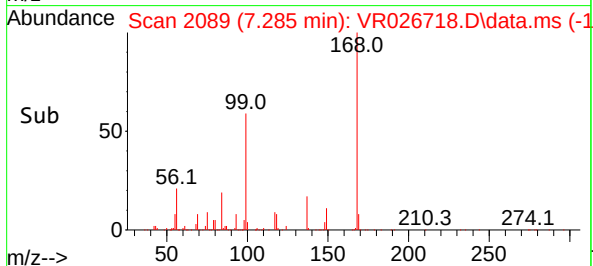
Instrument :
MSVOA_R
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Tgt Ion:168 Resp: 390484
Ion Ratio Lower Upper
168 100
99 58.8 43.8 65.8

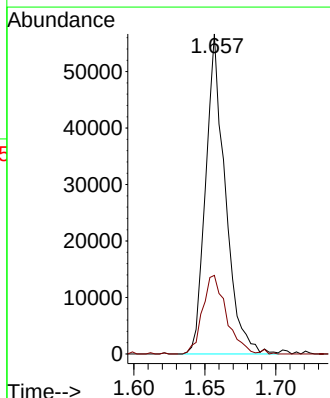
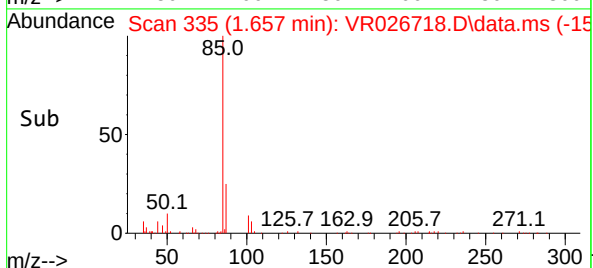
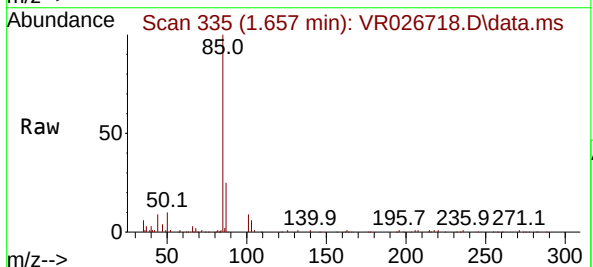
Manual Integrations
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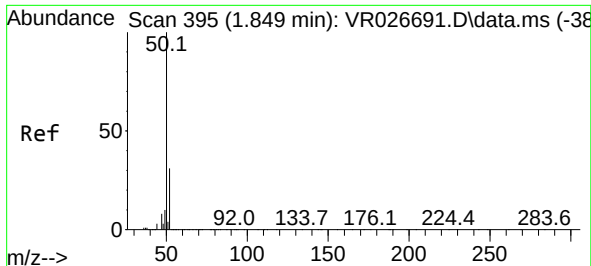
Reviewed By :Mahesh Dadoda 08/07/2025
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#2
Dichlorodifluoromethane
Concen: 19.136 ug/l
RT: 1.657 min Scan# 335
Delta R.T. -0.010 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

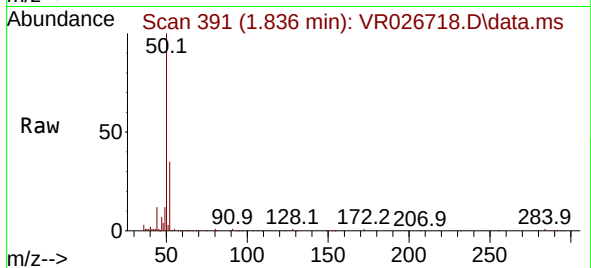
Tgt Ion: 85 Resp: 54459
Ion Ratio Lower Upper
85 100
87 24.6 15.2 45.5





#3
Chloromethane
Concen: 20.243 ug/l
RT: 1.836 min Scan# 391
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

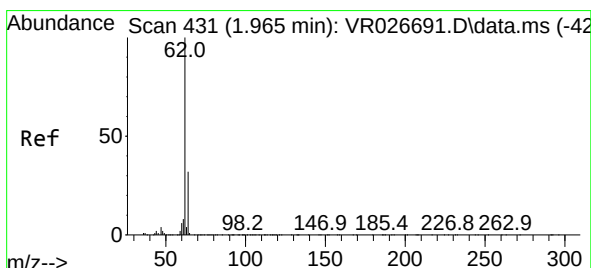
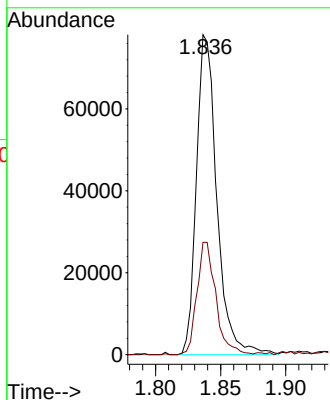
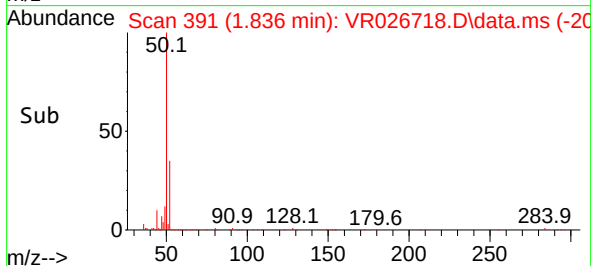
Instrument :
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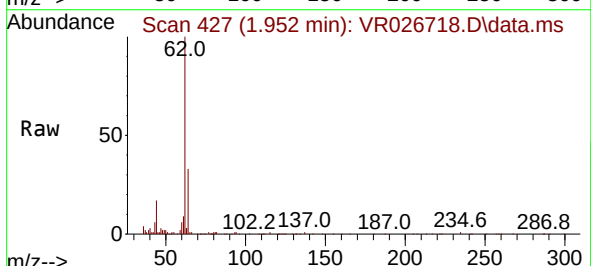
Tgt Ion: 50 Resp: 8563
Ion Ratio Lower Upper
50 100
52 35.1 25.0 37.4

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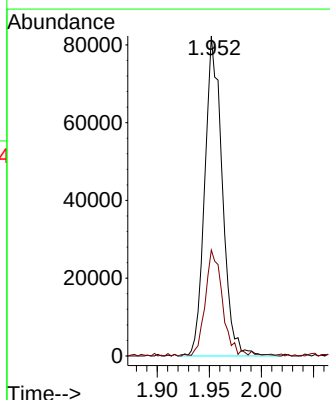
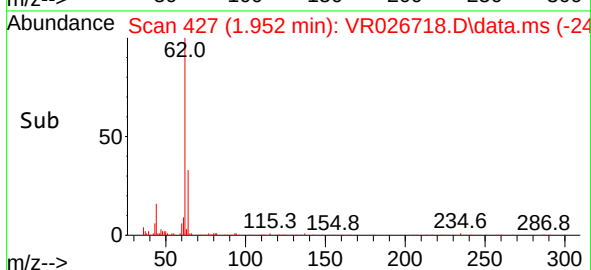
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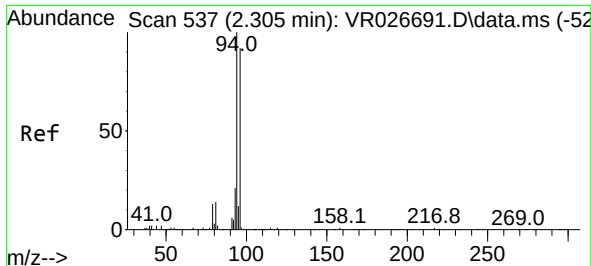


#4
Vinyl Chloride
Concen: 22.222 ug/l
RT: 1.952 min Scan# 427
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



Tgt Ion: 62 Resp: 96063
Ion Ratio Lower Upper
62 100
64 33.1 25.9 38.9





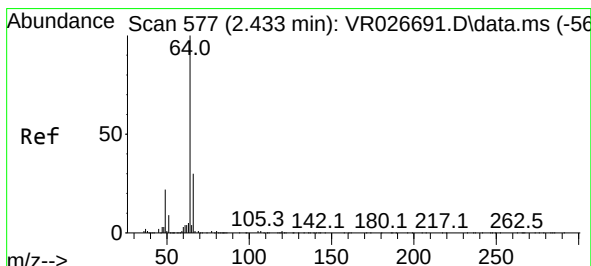
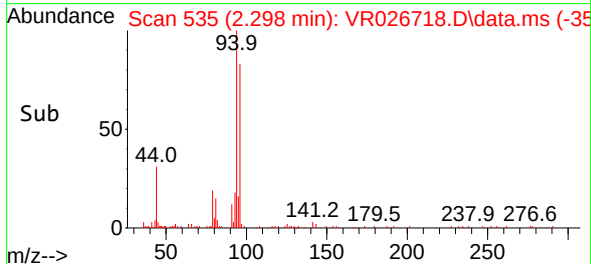
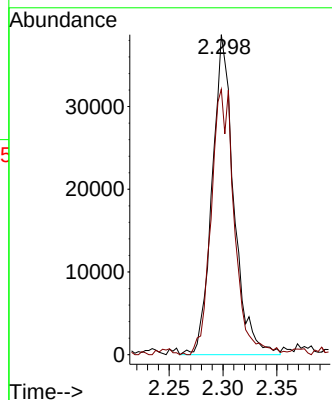
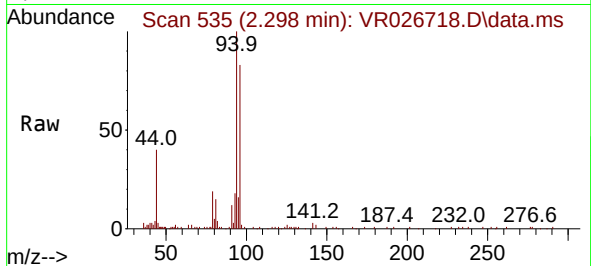
#5
Bromomethane
Concen: 25.730 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.007 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion: 94 Resp: 5420
Ion Ratio Lower Upper
94 100
96 82.9 73.3 109.9

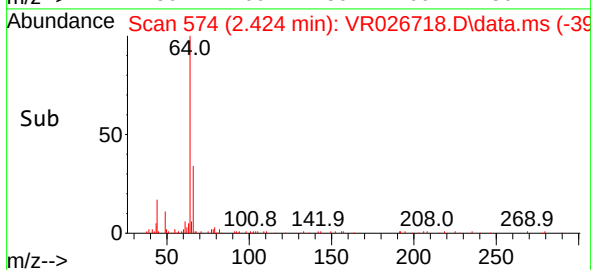
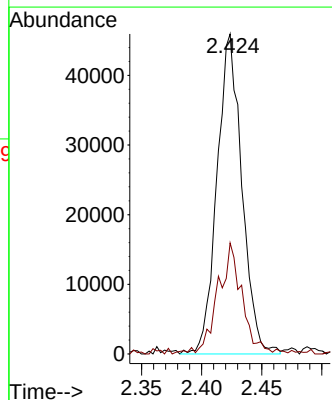
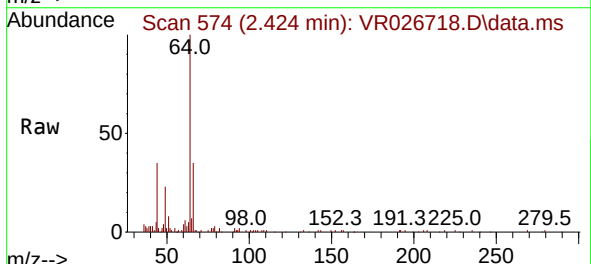
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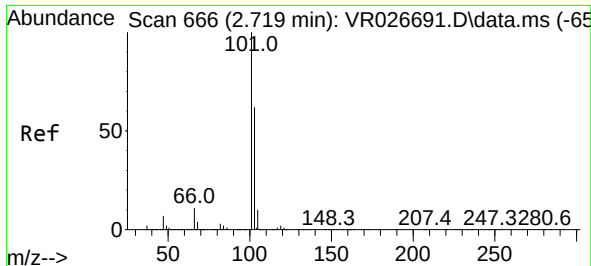
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#6
Chloroethane
Concen: 23.741 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.010 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

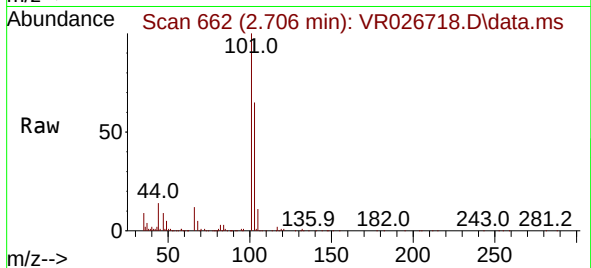
Tgt Ion: 64 Resp: 66081
Ion Ratio Lower Upper
64 100
66 33.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 26.598 ug/l
RT: 2.706 min Scan# 601
Delta R.T. -0.013 min
Lab File: VR026718.D
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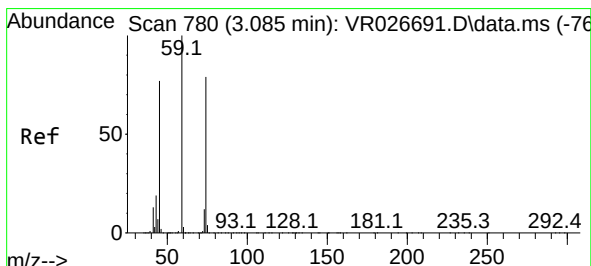
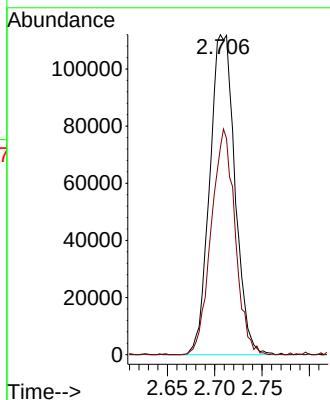
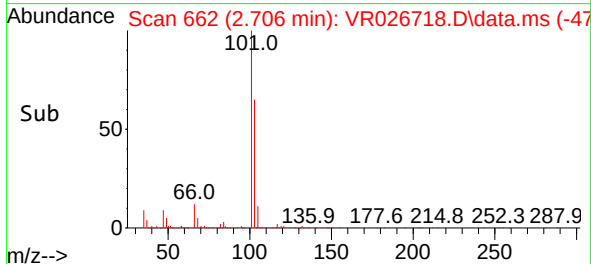
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:101 Resp: 20724
Ion Ratio Lower Upper
101 100
103 64.8 49.4 74.2

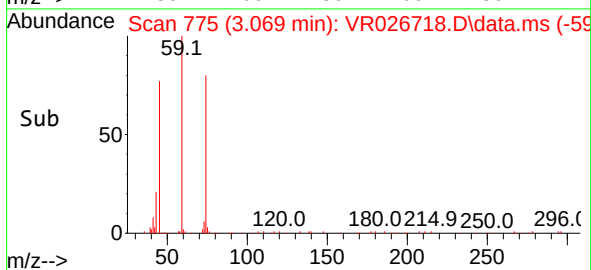
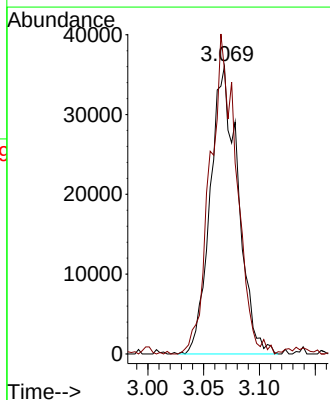
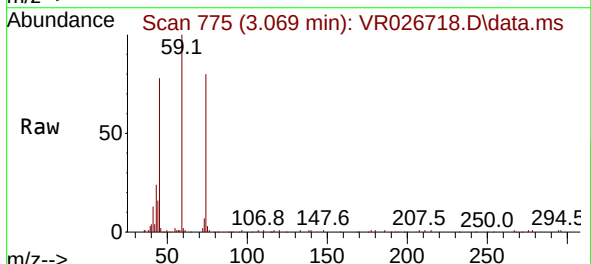
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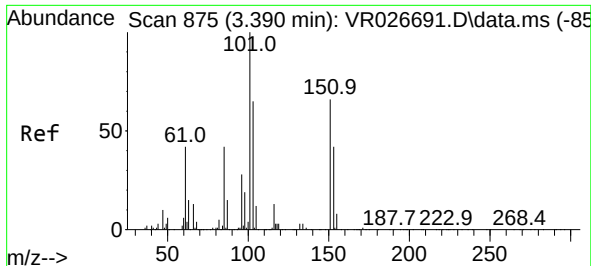
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#8
Diethyl Ether
Concen: 18.118 ug/l
RT: 3.069 min Scan# 775
Delta R.T. -0.016 min
Lab File: VR026718.D
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Tgt Ion: 74 Resp: 62636
Ion Ratio Lower Upper
74 100
45 104.7 47.1 141.3





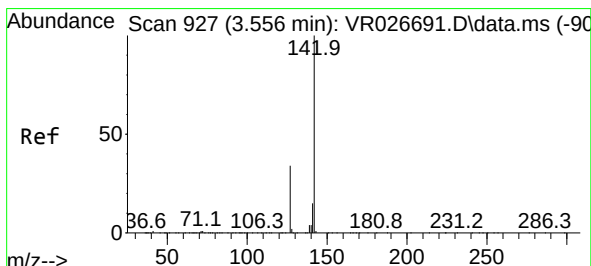
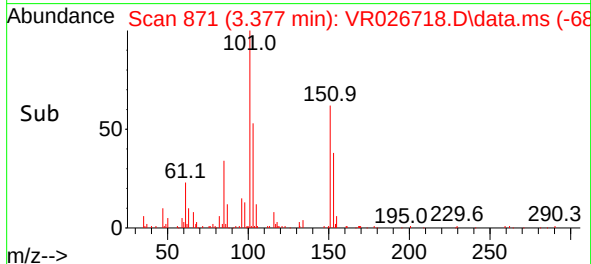
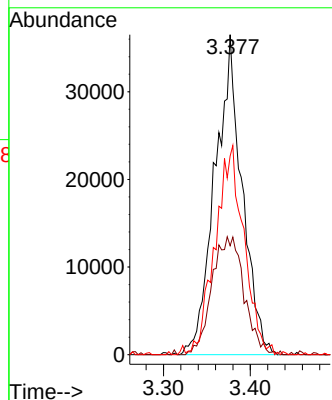
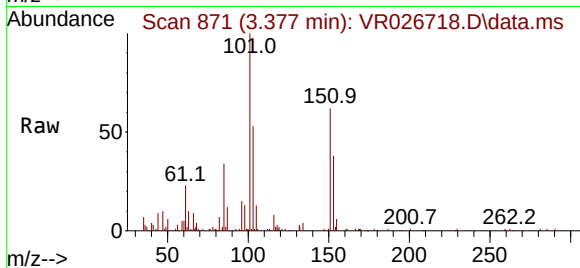
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.824 ug/l
RT: 3.377 min Scan# 871
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01

Tgt Ion:101 Resp: 79120
Ion Ratio Lower Upper
101 100
85 43.7 34.5 51.7
151 69.3 53.4 80.0

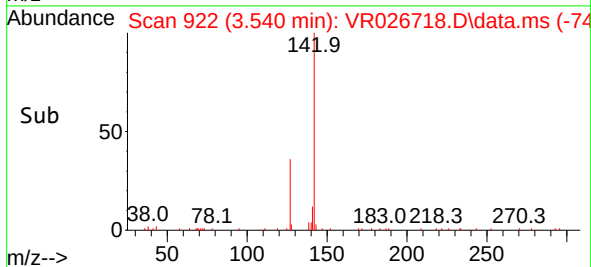
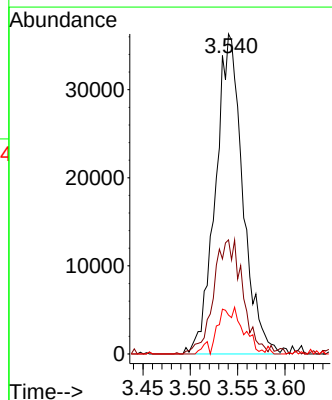
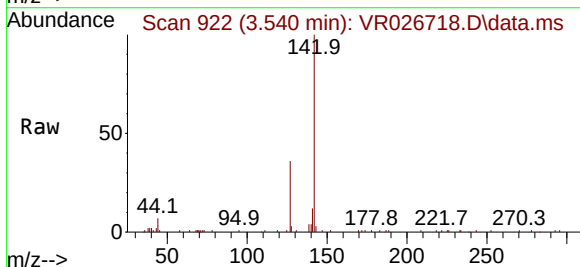
Manual Integrations
APPROVED

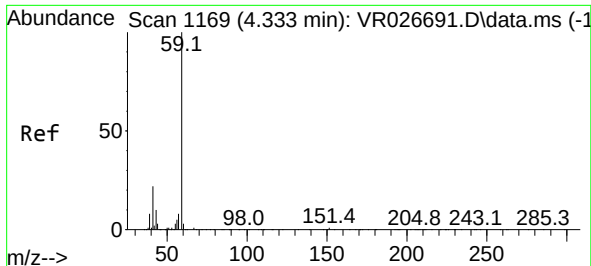
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#10
Methyl Iodide
Concen: 17.942 ug/l
RT: 3.540 min Scan# 922
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

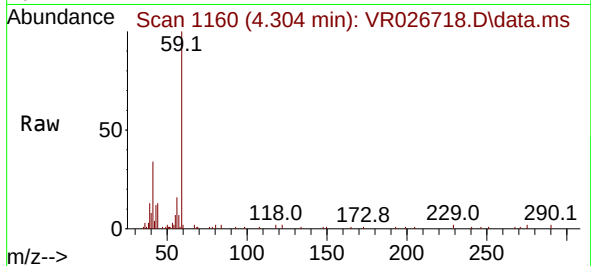
Tgt Ion:142 Resp: 72785
Ion Ratio Lower Upper
142 100
127 37.9 30.1 45.1
141 12.8 10.8 16.2





#11
Tert butyl alcohol
Concen: 78.043 ug/l
RT: 4.304 min Scan# 1160
Delta R.T. -0.029 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

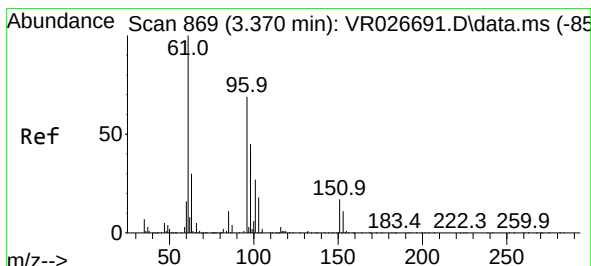
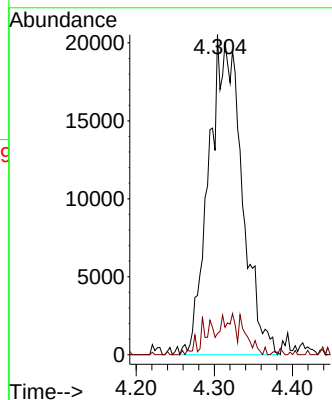
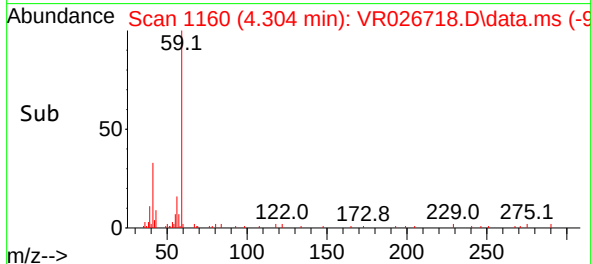
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



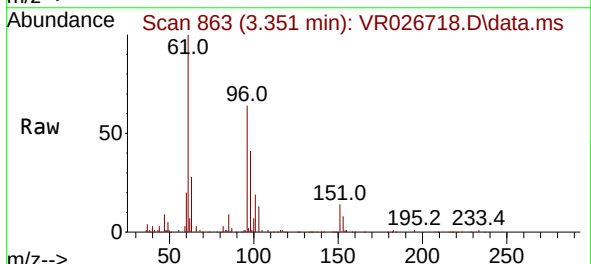
Tgt Ion: 59 Resp: 6034
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5

Manual Integrations
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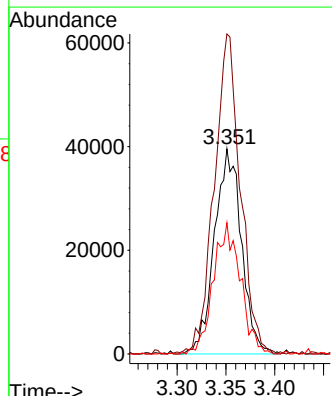
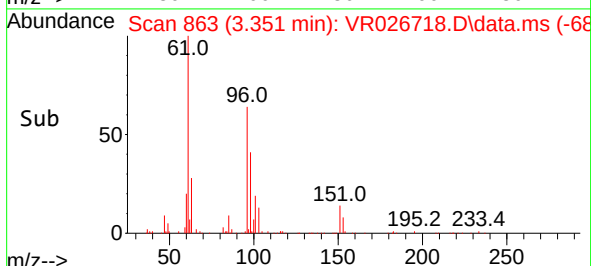
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

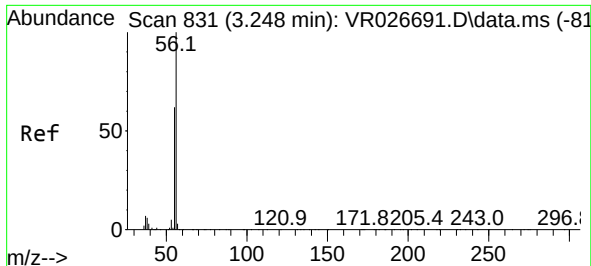


#12
1,1-Dichloroethene
Concen: 18.271 ug/l
RT: 3.351 min Scan# 863
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



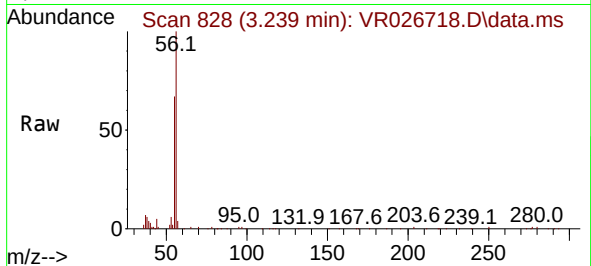
Tgt Ion: 96 Resp: 75894
Ion Ratio Lower Upper
96 100
61 155.3 116.2 174.4
98 64.0 52.3 78.5





#13
Acrolein
Concen: 94.170 ug/l
RT: 3.239 min Scan# 81
Delta R.T. -0.010 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

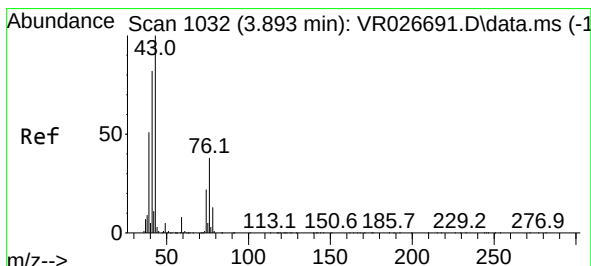
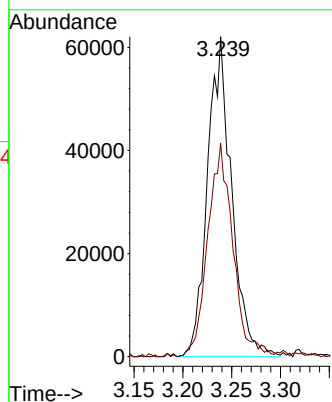
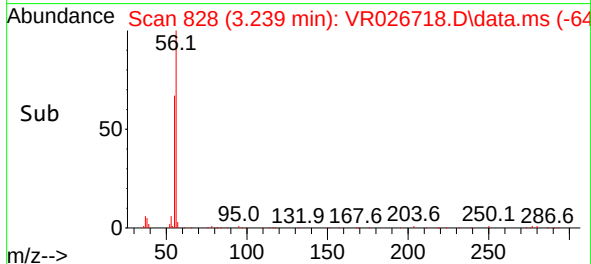
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



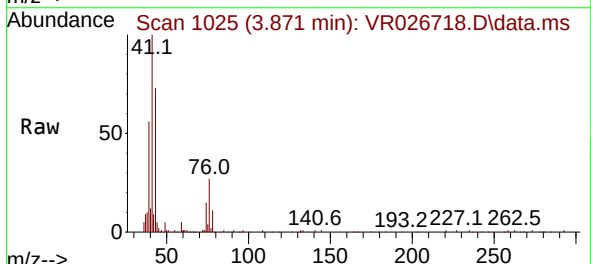
Tgt Ion: 56 Resp: 106444
Ion Ratio Lower Upper
56 100
55 69.2 53.8 80.8

Manual Integrations
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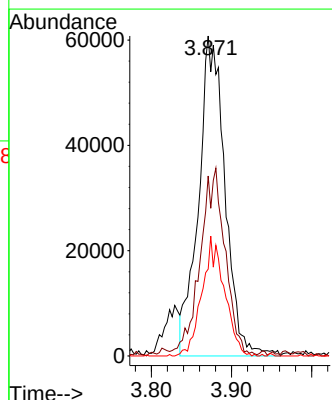
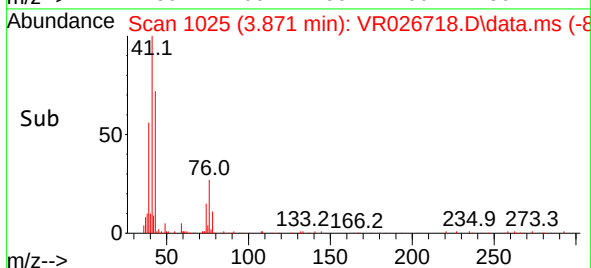
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

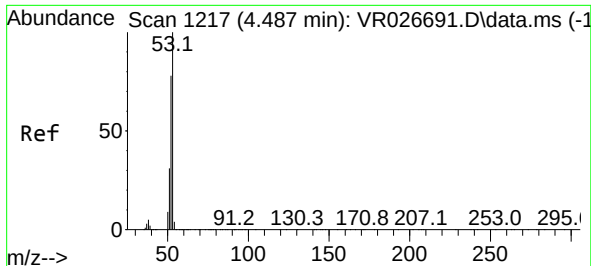


#14
Allyl chloride
Concen: 17.153 ug/l
RT: 3.871 min Scan# 1025
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



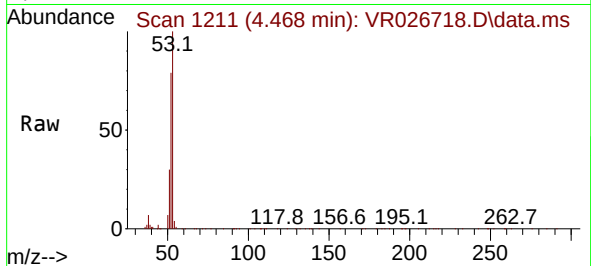
Tgt Ion: 41 Resp: 140175
Ion Ratio Lower Upper
41 100
39 54.6 44.2 66.2
76 31.5 31.0 46.4





#15
Acrylonitrile
Concen: 99.301 ug/l
RT: 4.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

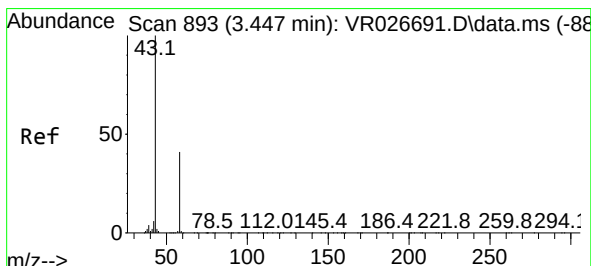
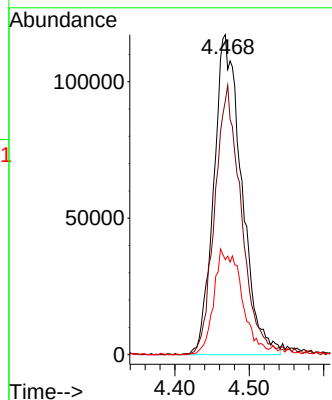
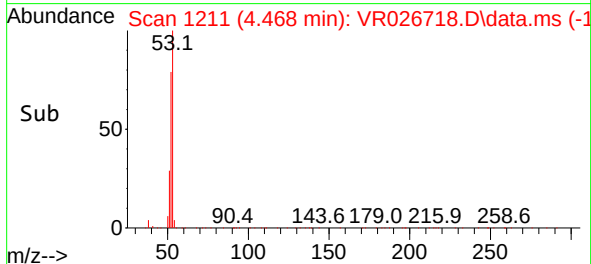
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



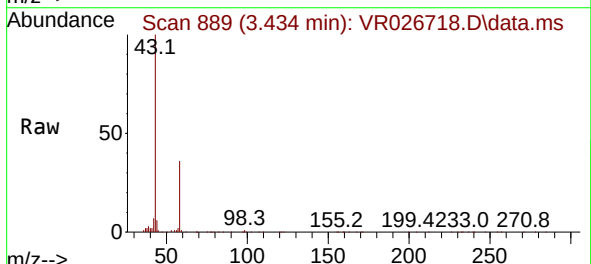
Tgt Ion: 53 Resp: 304799
Ion Ratio Lower Upper
53 100
52 79.5 61.4 92.2
51 33.0 25.8 38.6

Manual Integrations
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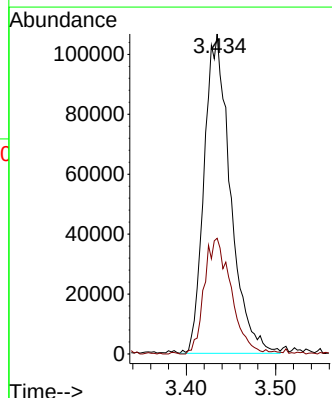
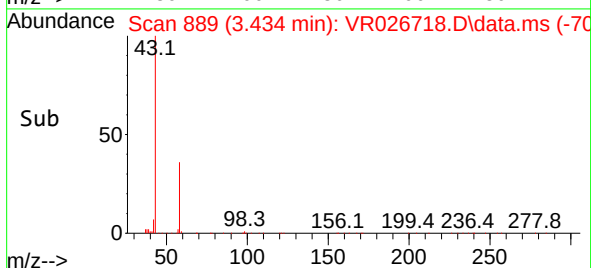
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

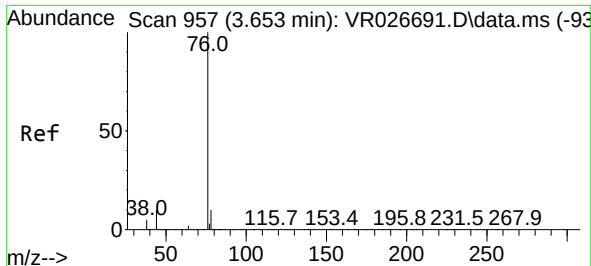


#16
Acetone
Concen: 93.767 ug/l
RT: 3.434 min Scan# 889
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



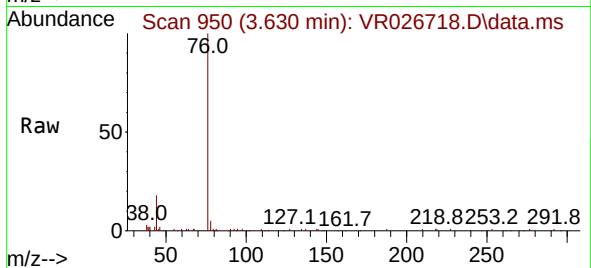
Tgt Ion: 43 Resp: 217502
Ion Ratio Lower Upper
43 100
58 36.2 32.9 49.3





#17
Carbon Disulfide
Concen: 13.446 ug/l
RT: 3.630 min Scan# 911
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

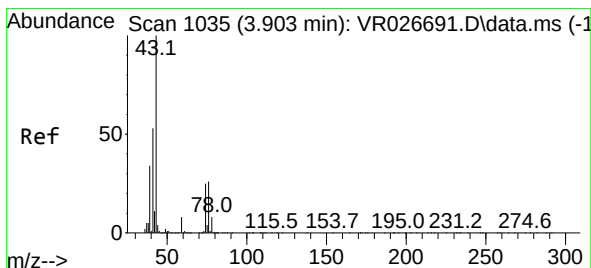
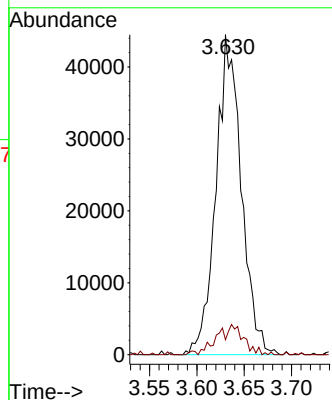
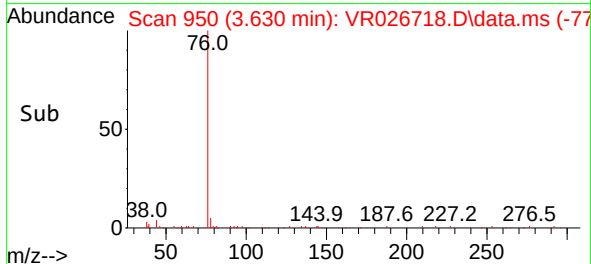
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



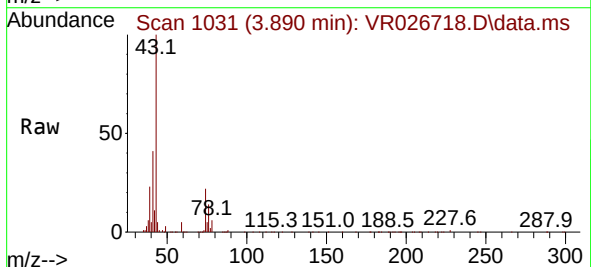
Tgt Ion: 76 Resp: 82670
Ion Ratio Lower Upper
76 100
78 4.6 7.8 11.6

Manual Integrations
APPROVED

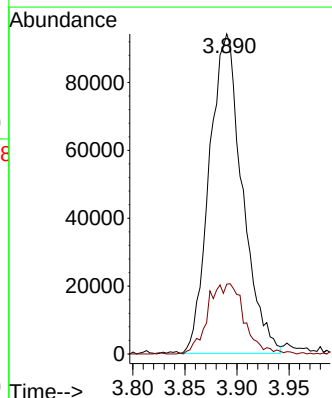
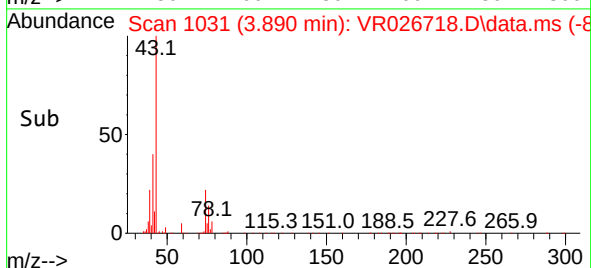
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

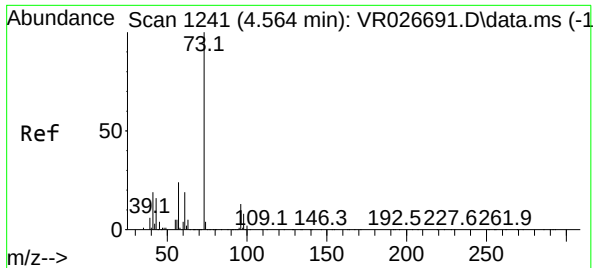


#18
Methyl Acetate
Concen: 21.391 ug/l
RT: 3.890 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



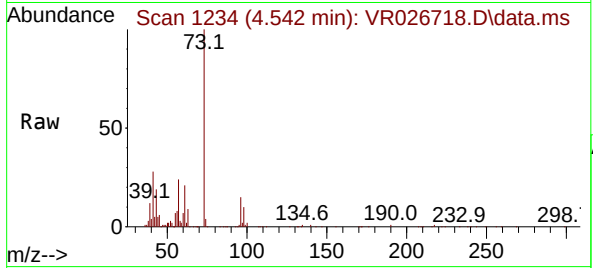
Tgt Ion: 43 Resp: 207089
Ion Ratio Lower Upper
43 100
74 11.4 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 17.684 ug/l
RT: 4.542 min Scan# 11
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

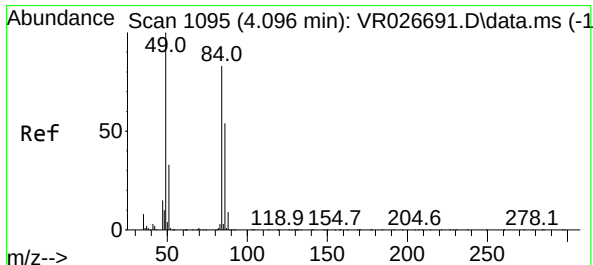
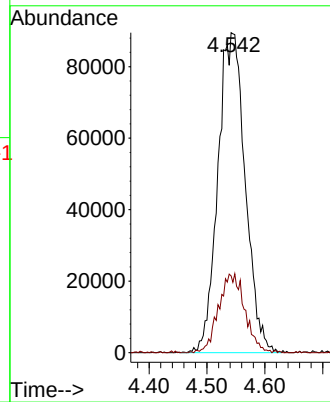
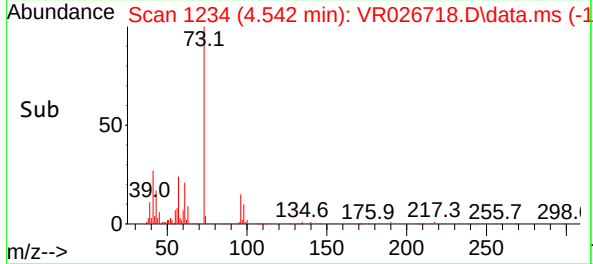
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 73 Resp: 29396
Ion Ratio Lower Upper
73 100
57 24.0 19.4 29.0

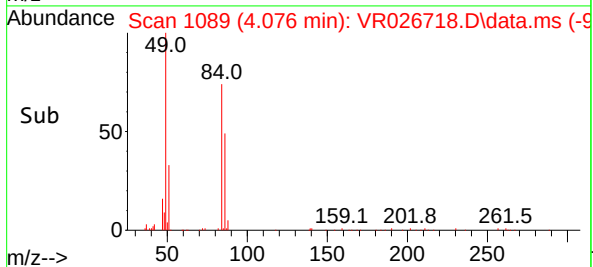
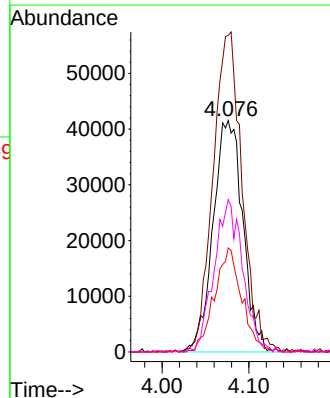
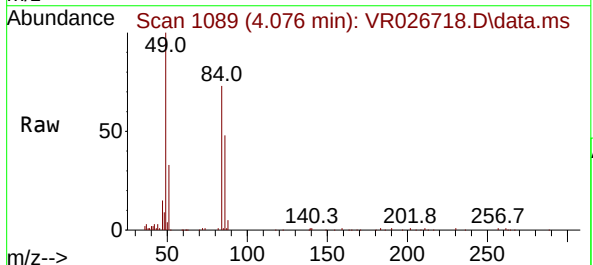
Manual Integrations
APPROVED

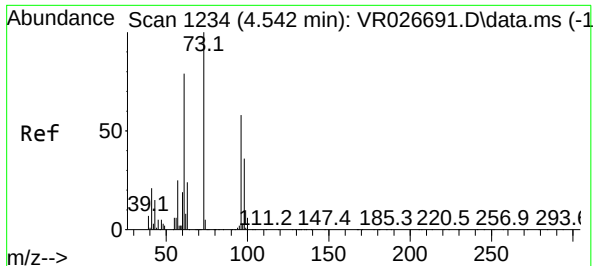
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#20
Methylene Chloride
Concen: 17.963 ug/l
RT: 4.076 min Scan# 1089
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

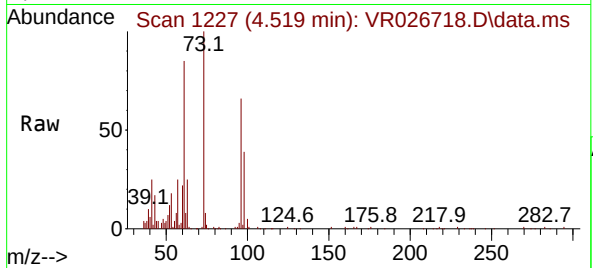
Tgt Ion: 84 Resp: 98879
Ion Ratio Lower Upper
84 100
49 136.3 96.2 144.4
51 44.6 31.8 47.6
86 65.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 17.422 ug/l
RT: 4.519 min Scan# 11
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

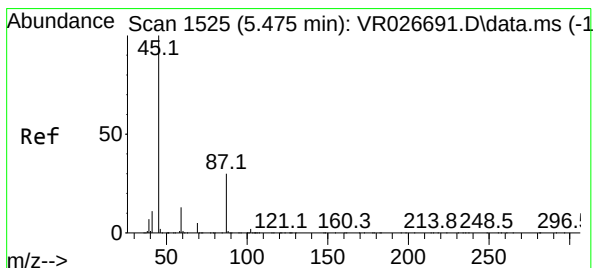
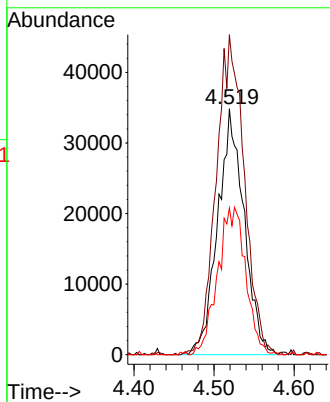
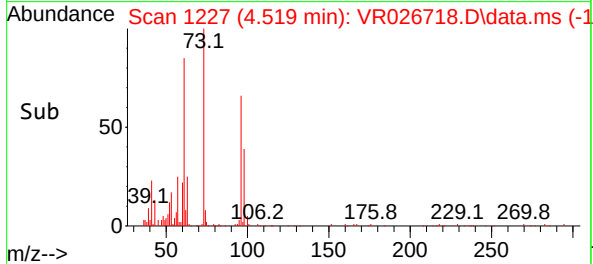
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



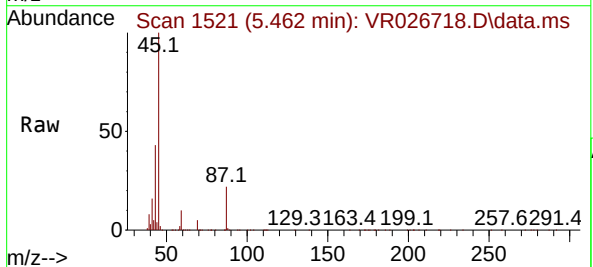
Tgt Ion: 96 Resp: 7955
Ion Ratio Lower Upper
96 100
61 130.1 110.3 165.5
98 59.6 50.2 75.4

Manual Integrations
APPROVED

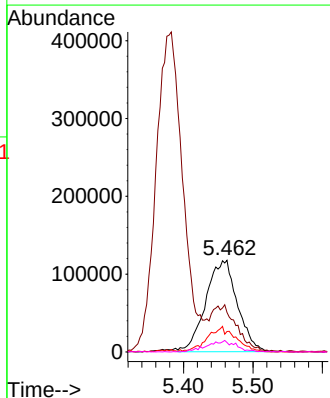
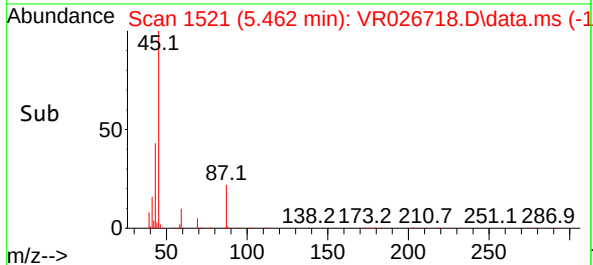
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

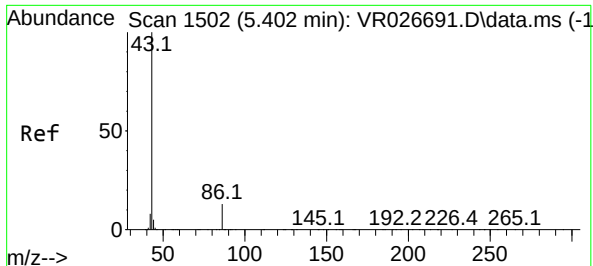


#22
Diisopropyl ether
Concen: 19.389 ug/l
RT: 5.462 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



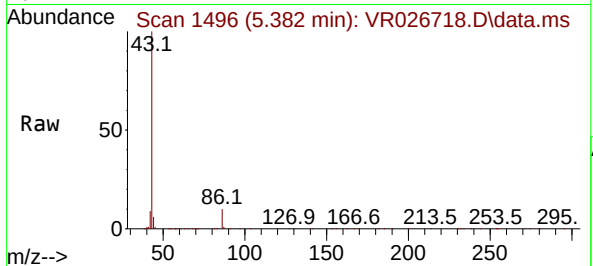
Tgt Ion: 45 Resp: 371289
Ion Ratio Lower Upper
45 100
43 42.4 38.2 57.2
87 22.5 24.0 36.0
59 10.1 10.1 15.1





#23
Vinyl Acetate
Concen: 101.602 ug/l
RT: 5.382 min Scan# 1496
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

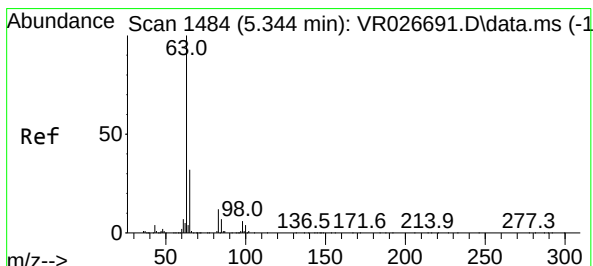
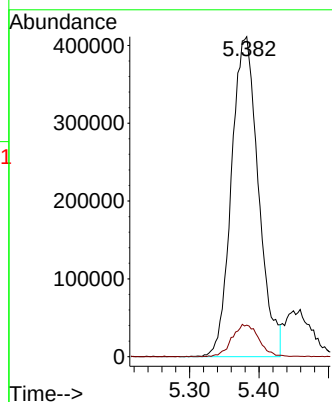
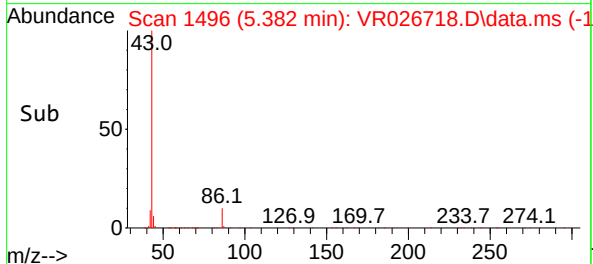
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



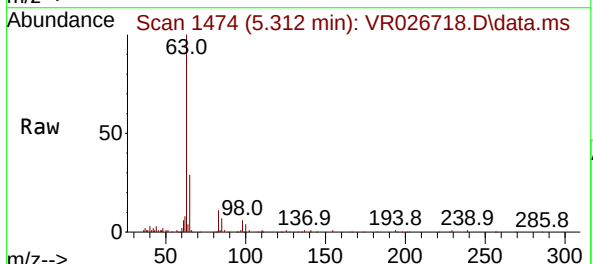
Tgt Ion: 43 Resp: 110936
Ion Ratio Lower Upper
43 100
86 9.9 10.7 16.1

Manual Integrations
APPROVED

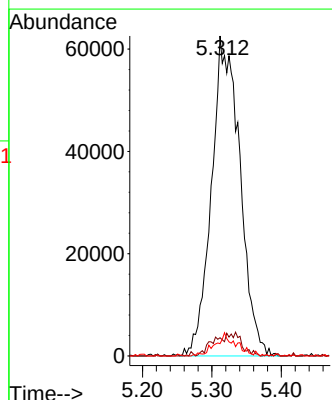
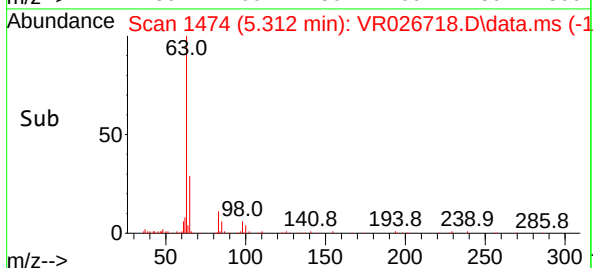
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

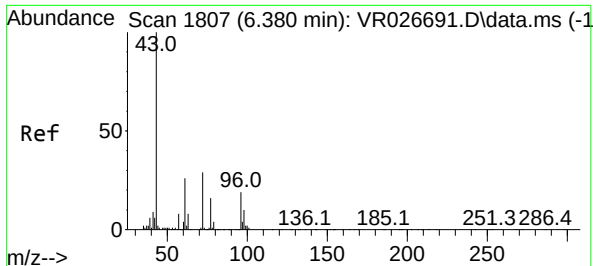


#24
1,1-Dichloroethane
Concen: 18.328 ug/l
RT: 5.312 min Scan# 1474
Delta R.T. -0.032 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



Tgt Ion: 63 Resp: 177736
Ion Ratio Lower Upper
63 100
98 5.7 2.9 8.8
100 3.9 1.8 5.4





#25

2-Butanone

Concen: 102.427 ug/l

RT: 6.358 min Scan# 1795

Delta R.T. -0.023 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 43 Resp: 367738

Ion Ratio Lower Upper

43 100

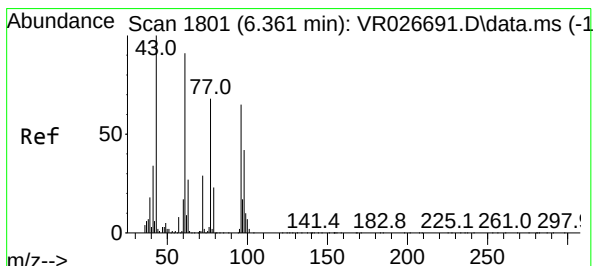
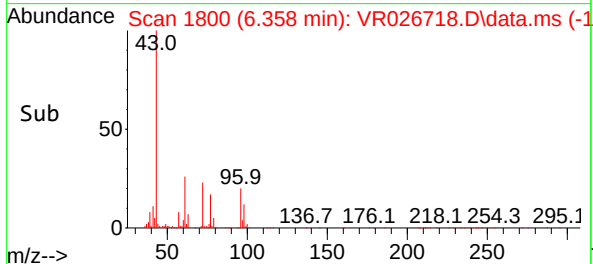
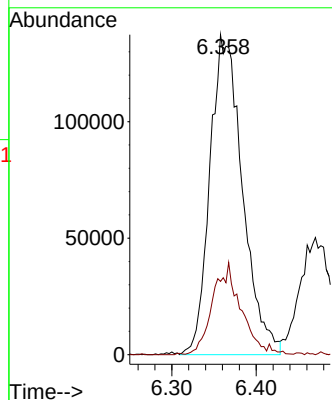
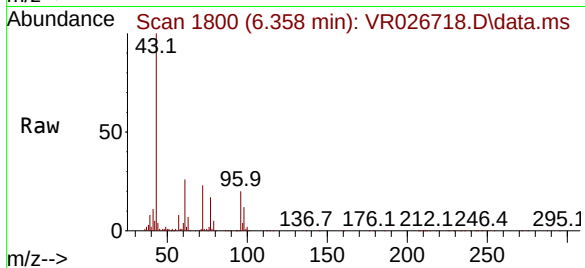
72 22.5 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#26

2,2-Dichloropropane

Concen: 14.893 ug/l

RT: 6.342 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026718.D

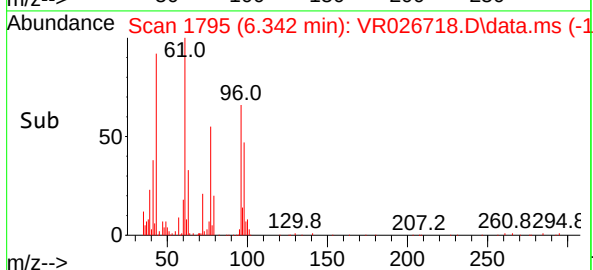
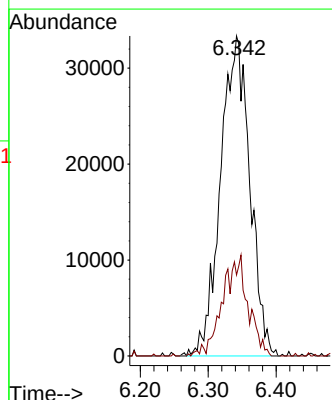
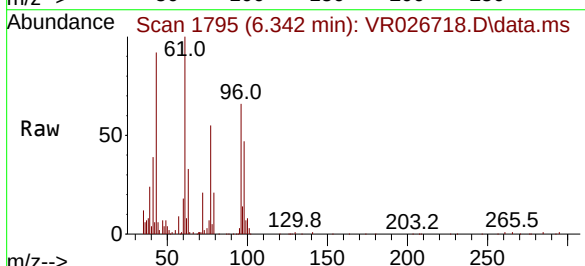
Acq: 6 Aug 2025 15:43

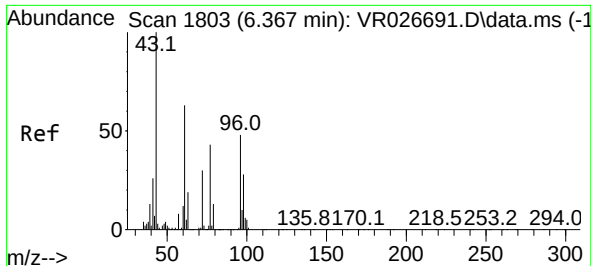
Tgt Ion: 77 Resp: 99842

Ion Ratio Lower Upper

77 100

97 1.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 18.571 ug/l

RT: 6.348 min Scan# 11

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 96 Resp: 109100

Ion Ratio Lower Upper

96 100

61 140.7 0.0 279.8

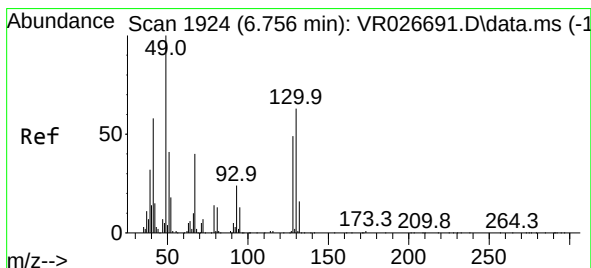
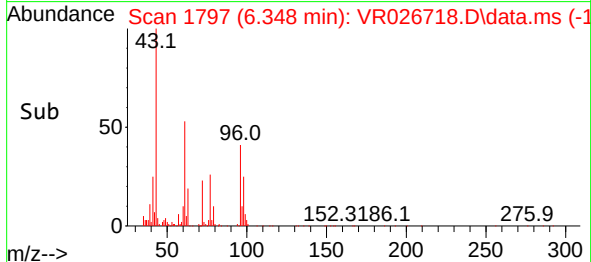
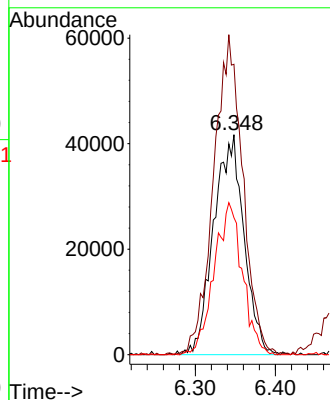
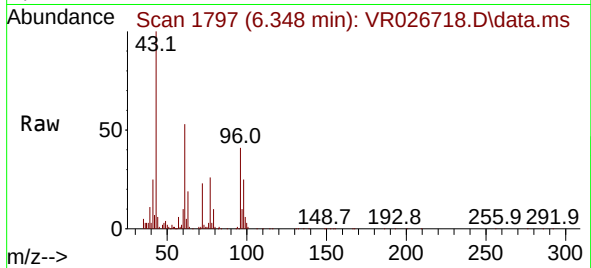
98 64.7 0.0 125.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#28

Bromochloromethane

Concen: 19.055 ug/l

RT: 6.736 min Scan# 1918

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

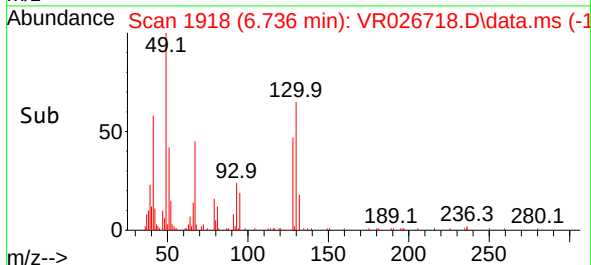
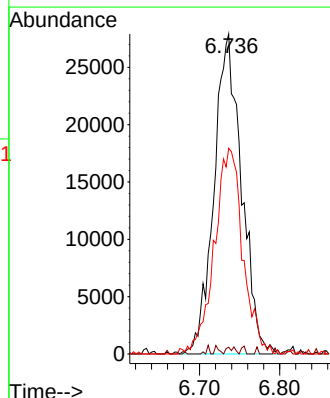
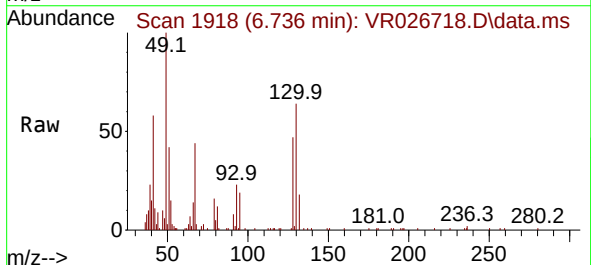
Tgt Ion: 49 Resp: 66586

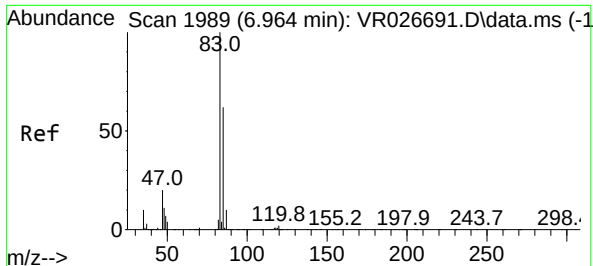
Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.4

130 66.3 52.2 78.4





#29

Chloroform

Concen: 19.365 ug/l

RT: 6.942 min Scan# 1989

Delta R.T. -0.023 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 83 Resp: 162670

Ion Ratio Lower Upper

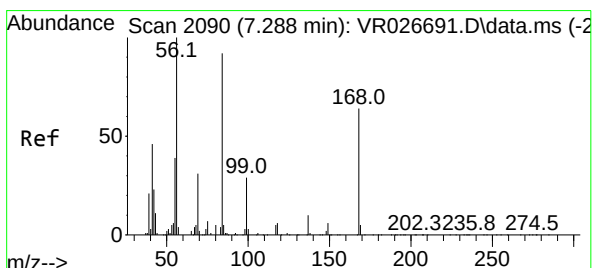
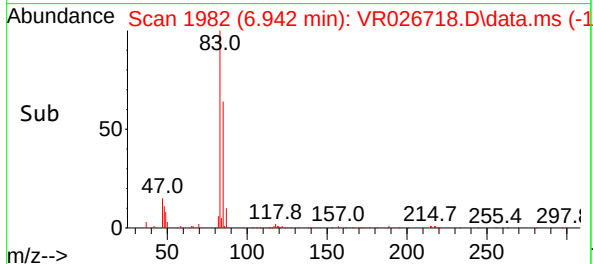
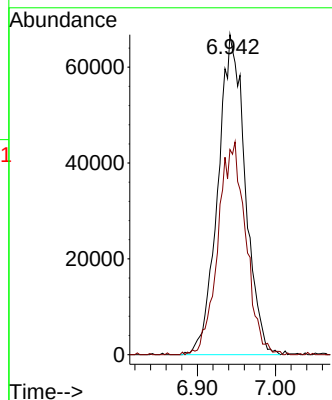
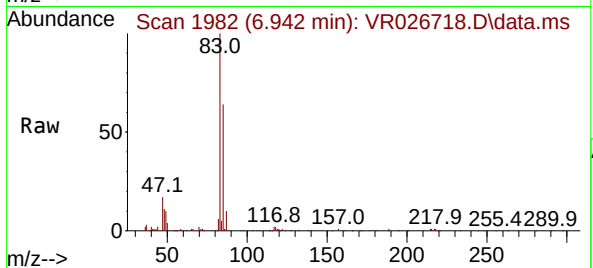
83 100

85 64.1 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#30

Cyclohexane

Concen: 17.690 ug/l

RT: 7.263 min Scan# 2082

Delta R.T. -0.026 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

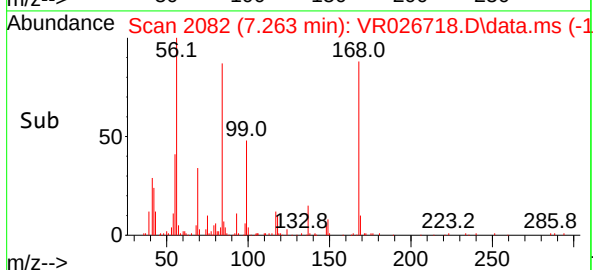
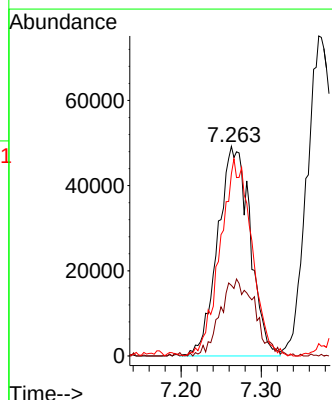
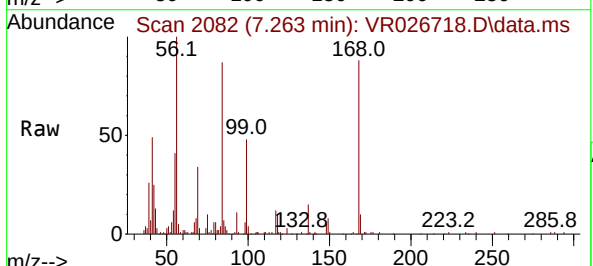
Tgt Ion: 56 Resp: 138542

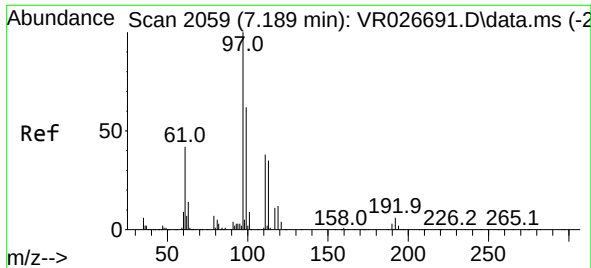
Ion Ratio Lower Upper

56 100

69 32.9 24.8 37.2

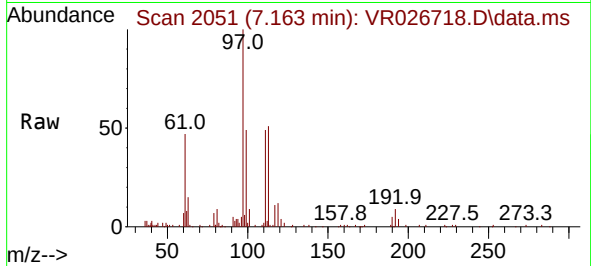
84 86.6 73.1 109.7





#31
 1,1,1-Trichloroethane
 Concen: 18.641 ug/l
 RT: 7.163 min Scan# 2051
 Delta R.T. -0.026 min
 Lab File: VR026718.D
 Acq: 6 Aug 2025 15:43

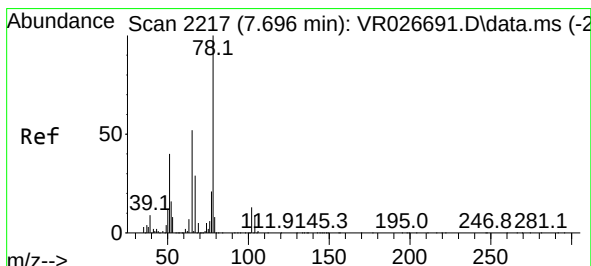
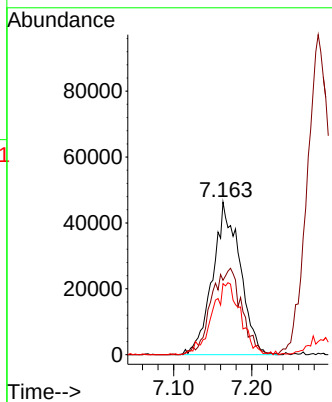
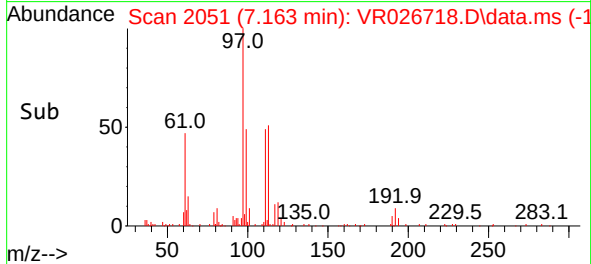
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0806WBSD01



Tgt Ion: 97 Resp: 113115
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.0 76.6
 61 49.0 36.3 54.5

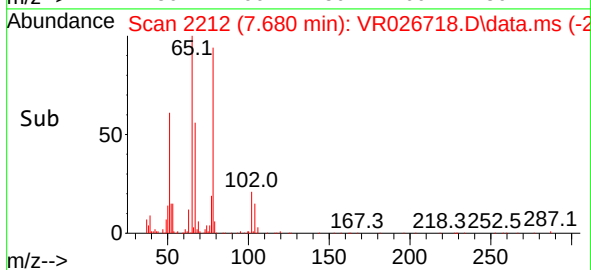
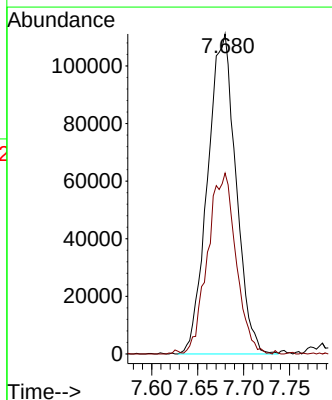
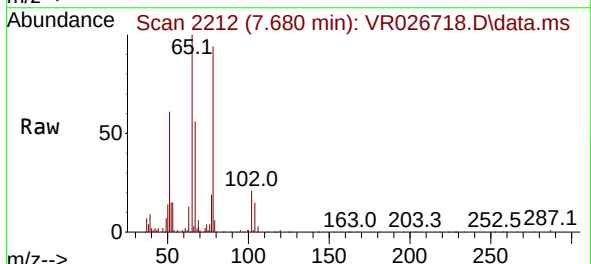
Manual Integrations
 APPROVED

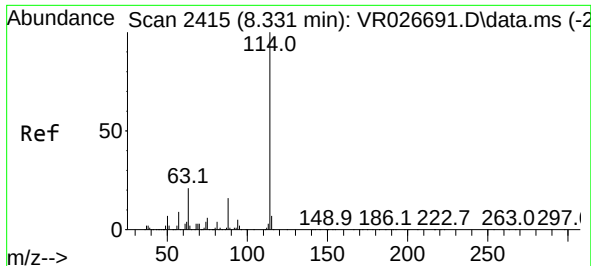
Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025



#32
 1,2-Dichloroethane-d4
 Concen: 48.196 ug/l
 RT: 7.680 min Scan# 2212
 Delta R.T. -0.016 min
 Lab File: VR026718.D
 Acq: 6 Aug 2025 15:43

Tgt Ion: 65 Resp: 238198
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.315 min Scan# 2415

Delta R.T. -0.016 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

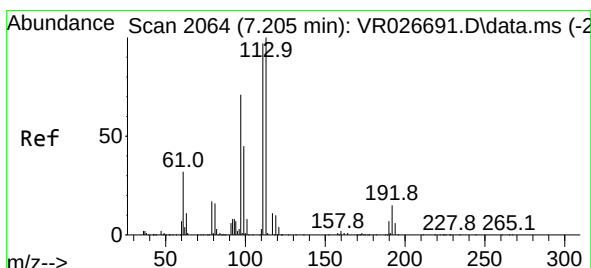
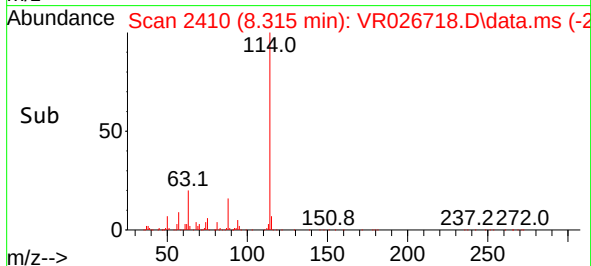
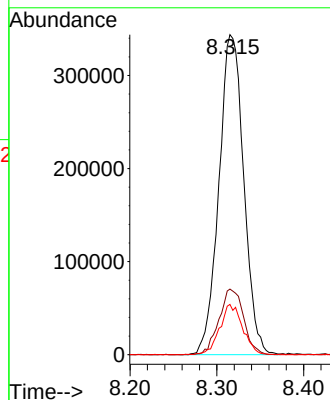
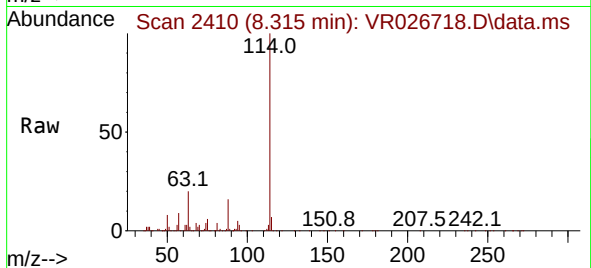
Tgt Ion:114 Resp: 682860

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	15.7	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#34

Dibromofluoromethane

Concen: 47.534 ug/l

RT: 7.189 min Scan# 2059

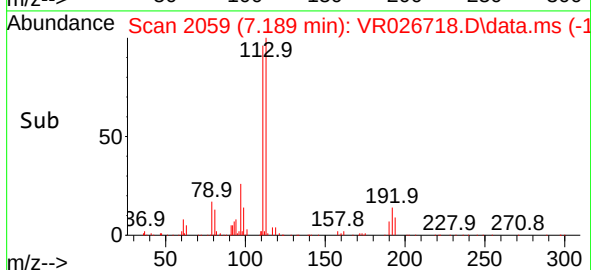
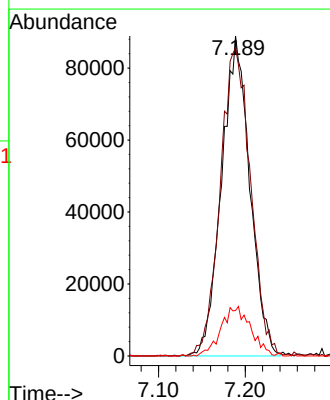
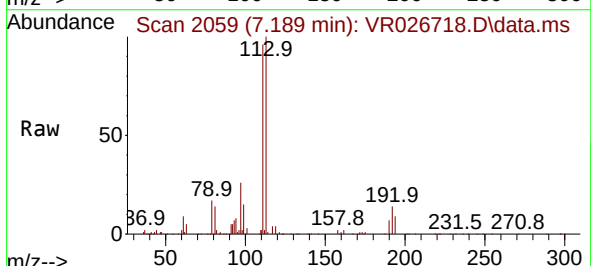
Delta R.T. -0.016 min

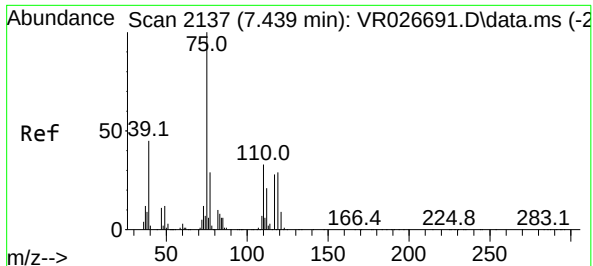
Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Tgt Ion:113 Resp: 200760

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	16.2	12.3	18.5





#35

1,1-Dichloropropene

Concen: 19.050 ug/l

RT: 7.420 min Scan# 2137

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 75 Resp: 101500

Ion Ratio Lower Upper

75 100

110 39.5 17.0 50.9

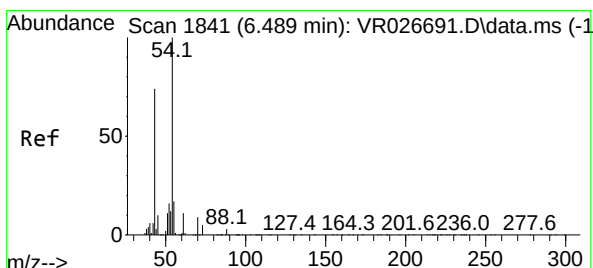
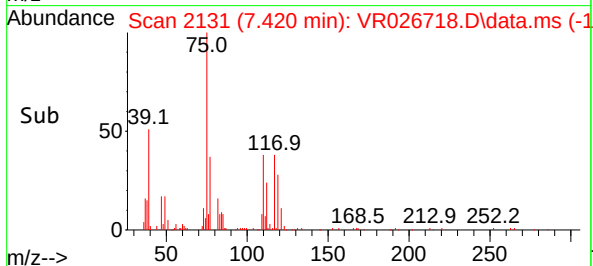
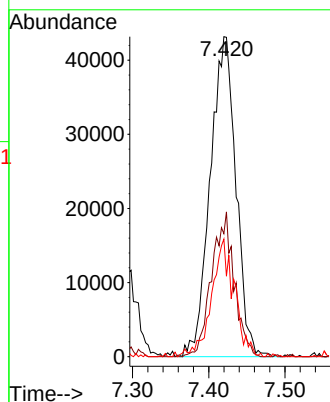
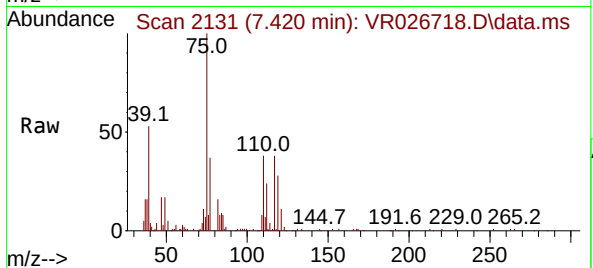
77 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#36

Ethyl Acetate

Concen: 19.346 ug/l

RT: 6.470 min Scan# 1835

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

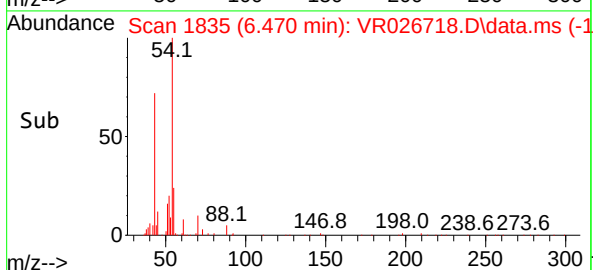
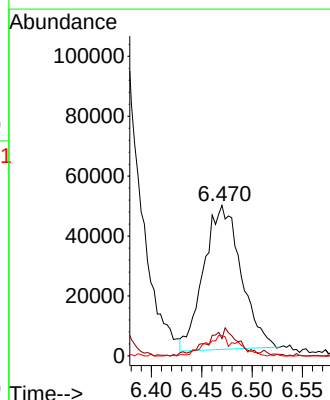
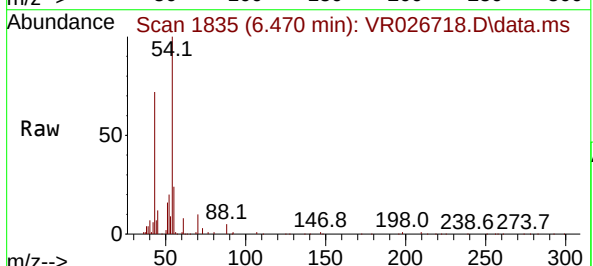
Tgt Ion: 43 Resp: 123402

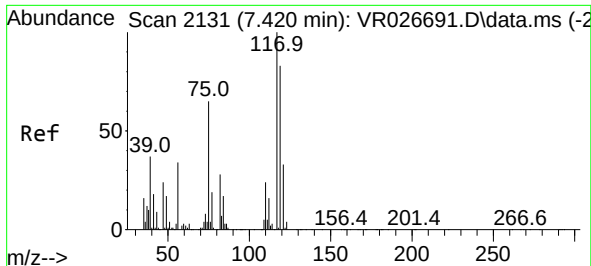
Ion Ratio Lower Upper

43 100

61 15.6 12.0 18.0

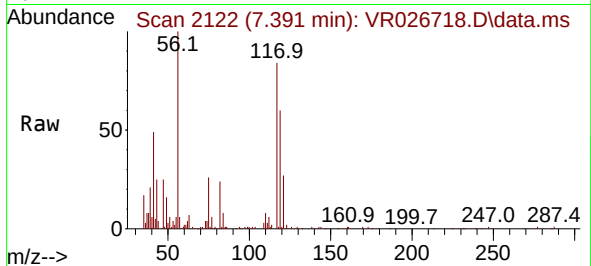
70 9.7 9.0 13.6





#37
Carbon Tetrachloride
Concen: 19.386 ug/l m
RT: 7.391 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

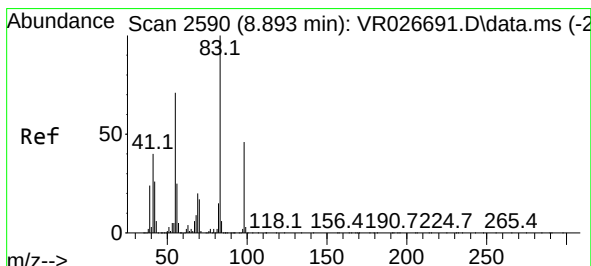
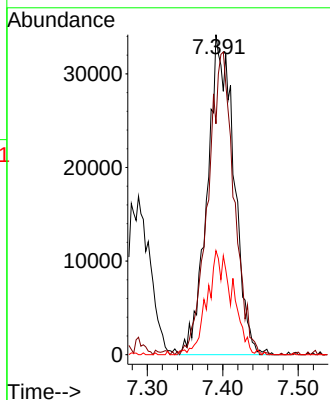
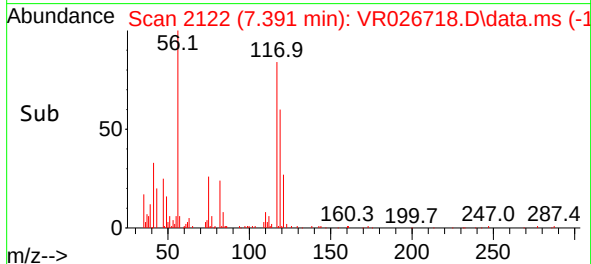
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 117 Resp: 8412
Ion Ratio Lower Upper
117 100
119 72.1 67.0 100.4
121 32.5 26.3 39.5

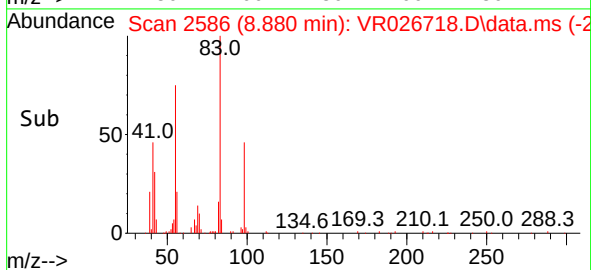
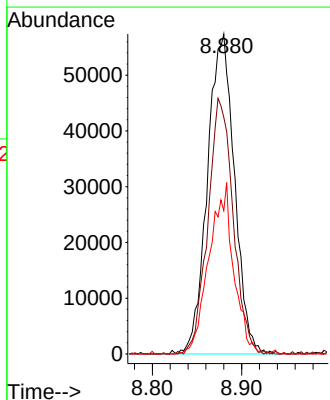
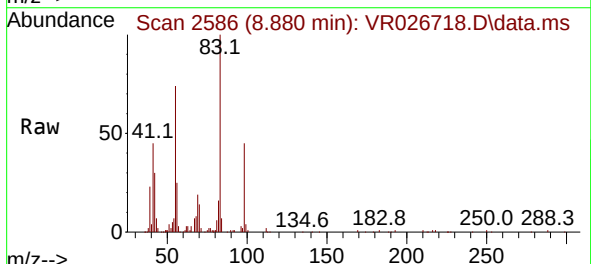
Manual Integrations
APPROVED

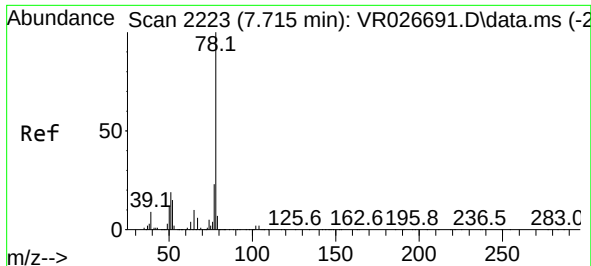
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#38
Methylcyclohexane
Concen: 19.768 ug/l
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

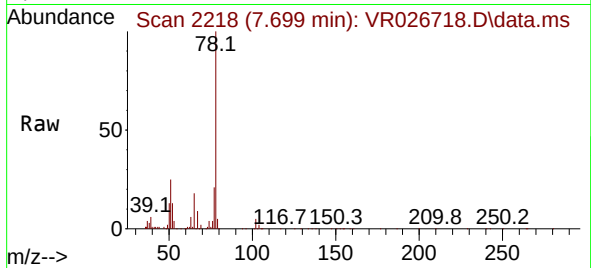
Tgt Ion: 83 Resp: 120567
Ion Ratio Lower Upper
83 100
55 73.6 56.7 85.1
98 44.8 36.7 55.1





#39
Benzene
Concen: 20.135 ug/l
RT: 7.699 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

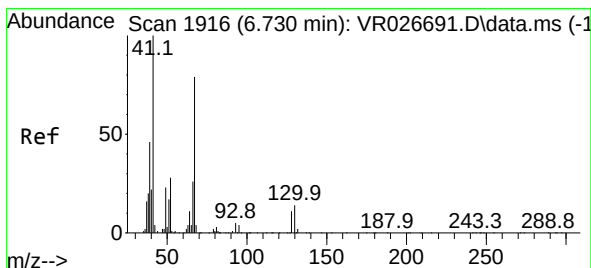
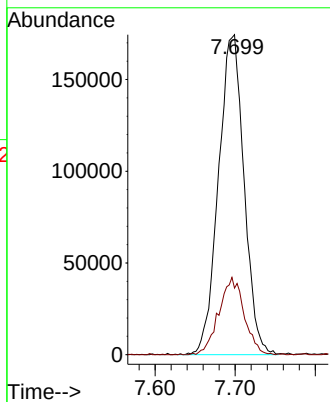
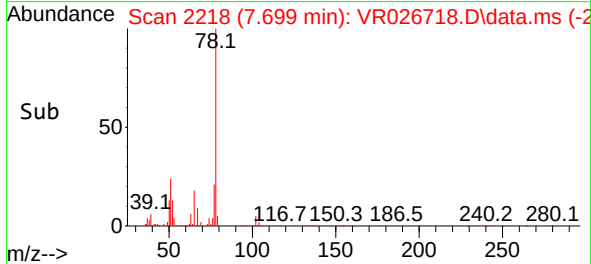
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 78 Resp: 386339
Ion Ratio Lower Upper
78 100
77 20.8 18.8 28.2

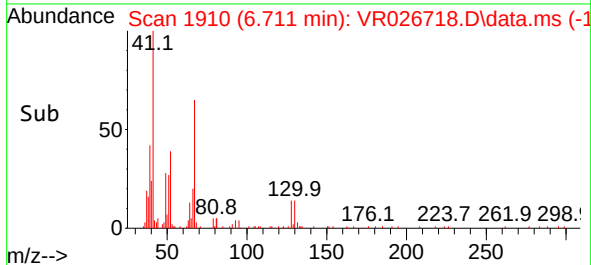
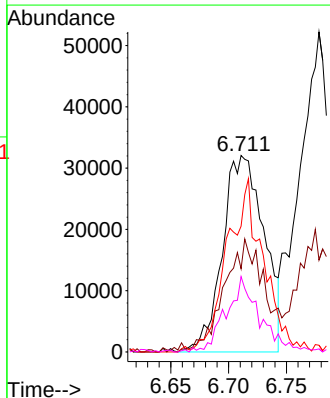
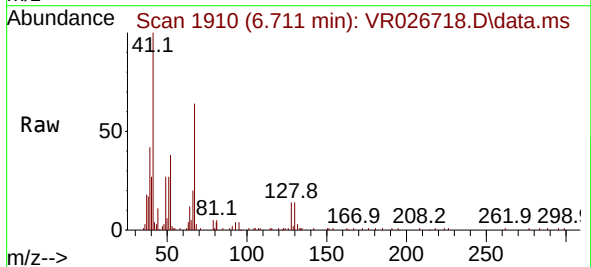
Manual Integrations
APPROVED

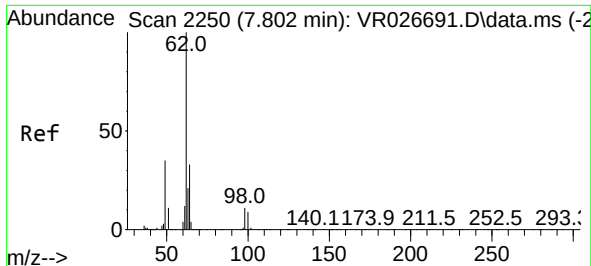
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#40
Methacrylonitrile
Concen: 20.230 ug/l
RT: 6.711 min Scan# 1910
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

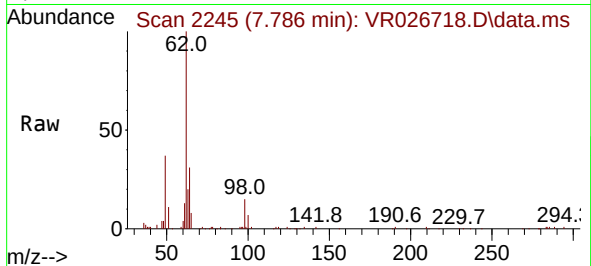
Tgt Ion: 41 Resp: 80195
Ion Ratio Lower Upper
41 100
39 52.3 42.4 63.6
67 75.3 65.6 98.4
52 31.3 22.6 34.0





#41
1,2-Dichloroethane
Concen: 21.186 ug/l
RT: 7.786 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

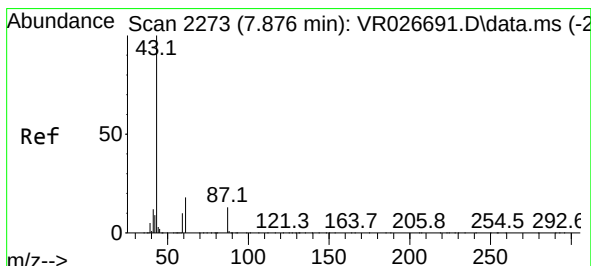
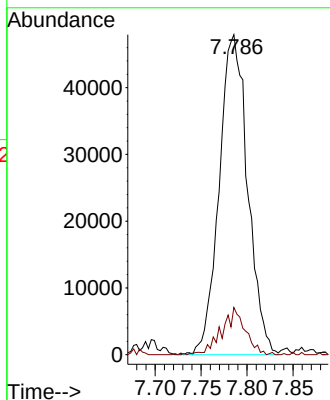
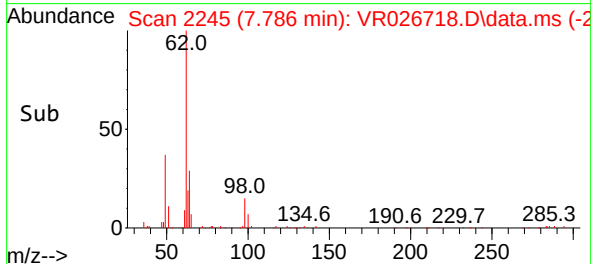
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



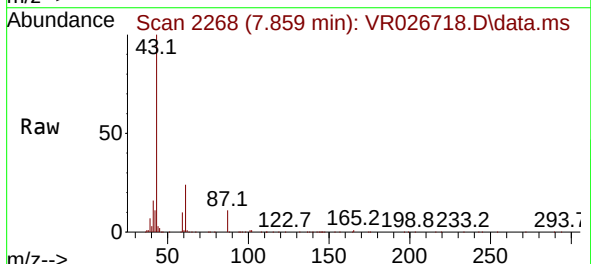
Tgt Ion: 62 Resp: 103398
Ion Ratio Lower Upper
62 100
98 12.1 0.0 22.2

Manual Integrations
APPROVED

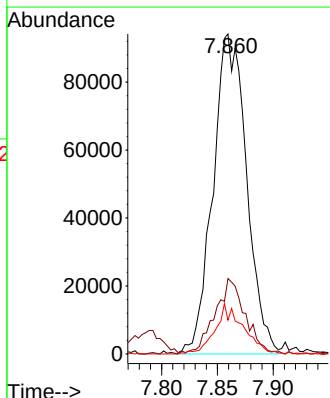
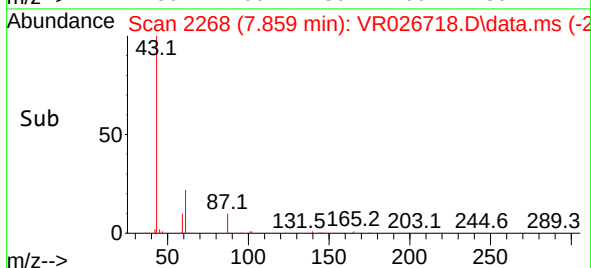
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

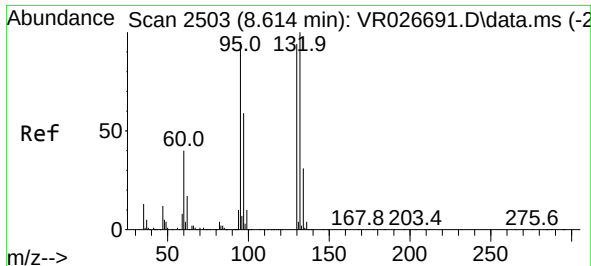


#42
Isopropyl Acetate
Concen: 19.252 ug/l
RT: 7.859 min Scan# 2268
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



Tgt Ion: 43 Resp: 197463
Ion Ratio Lower Upper
43 100
61 21.1 17.9 26.9
87 13.0 10.8 16.2





#43

Trichloroethene

Concen: 21.591 ug/l

RT: 8.594 min Scan# 2497

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion:130 Resp: 7967

Ion Ratio Lower Upper

130 100

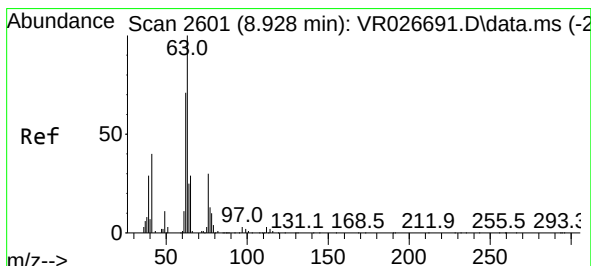
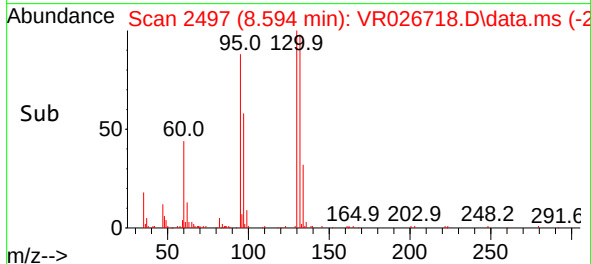
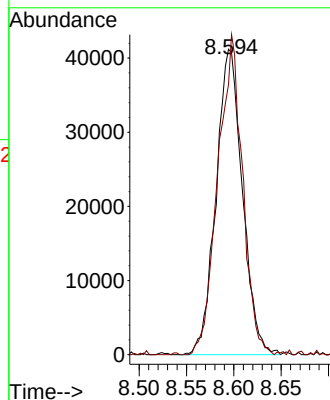
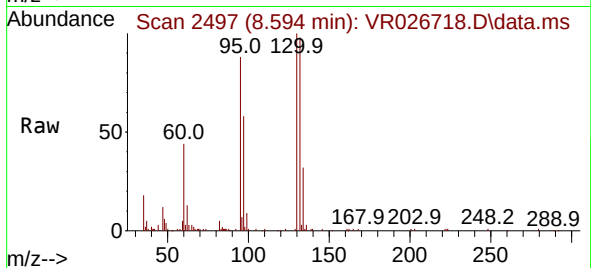
95 88.5 0.0 200.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#44

1,2-Dichloropropane

Concen: 21.128 ug/l

RT: 8.912 min Scan# 2596

Delta R.T. -0.016 min

Lab File: VR026718.D

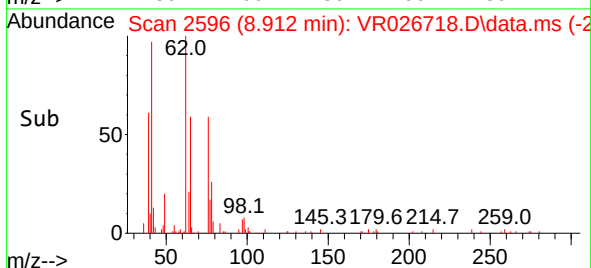
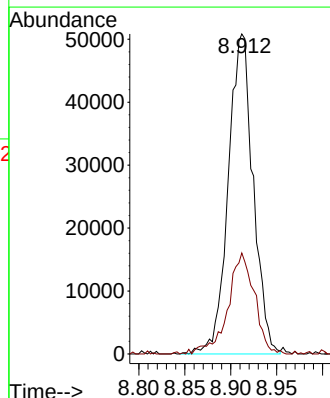
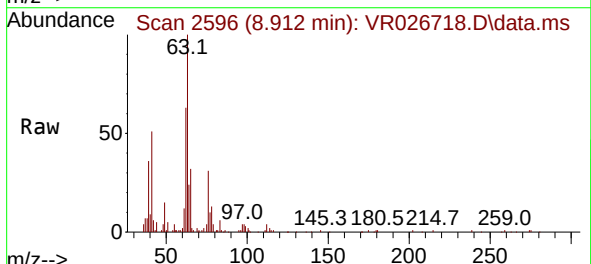
Acq: 6 Aug 2025 15:43

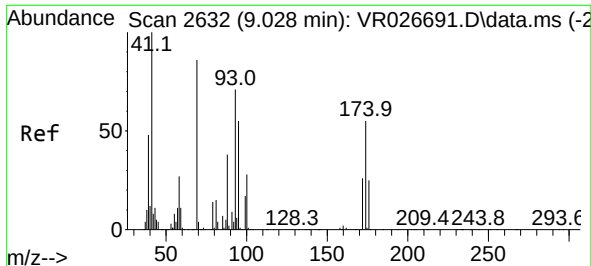
Tgt Ion: 63 Resp: 95937

Ion Ratio Lower Upper

63 100

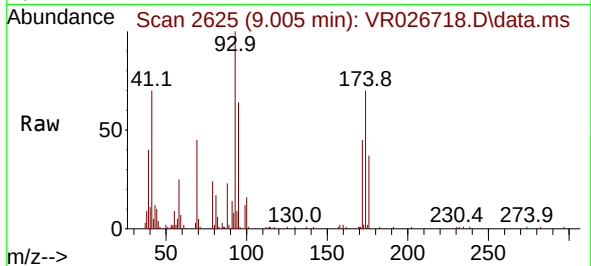
65 31.6 23.8 35.8





#45
Dibromomethane
Concen: 21.429 ug/l
RT: 9.005 min Scan# 2625
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

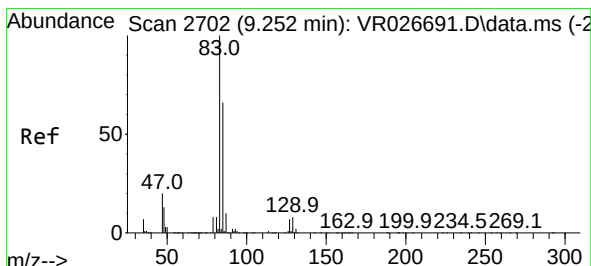
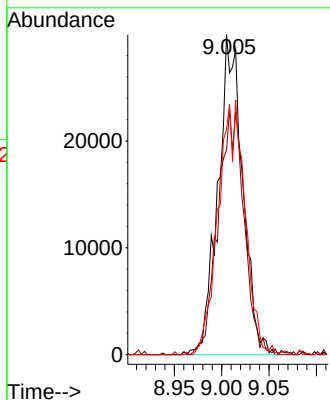
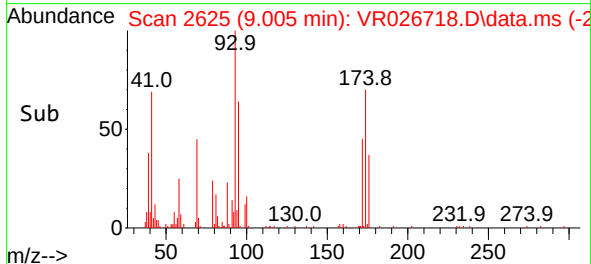
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



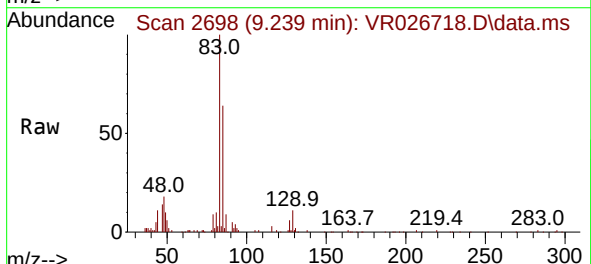
Tgt Ion: 93 Resp: 54114
Ion Ratio Lower Upper
93 100
95 81.2 69.4 104.0
174 48.8 66.9 100.3

Manual Integrations
APPROVED

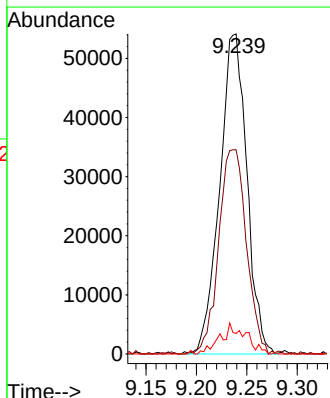
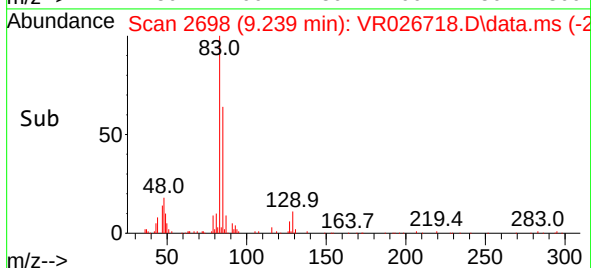
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

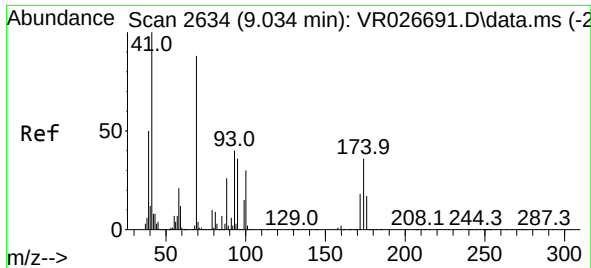


#46
Bromodichloromethane
Concen: 20.749 ug/l
RT: 9.239 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



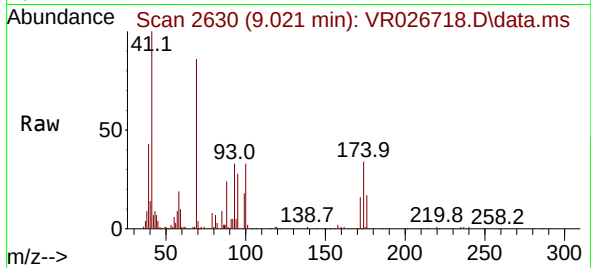
Tgt Ion: 83 Resp: 101520
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8
127 6.4 5.5 8.3





#47
Methyl methacrylate
Concen: 21.839 ug/l
RT: 9.021 min Scan# 2630
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

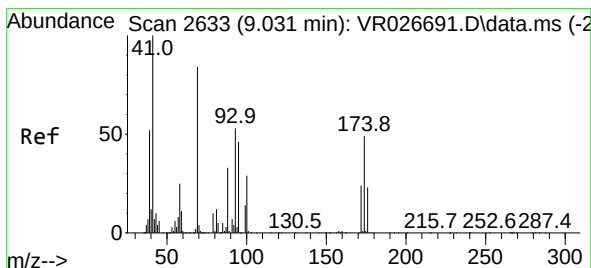
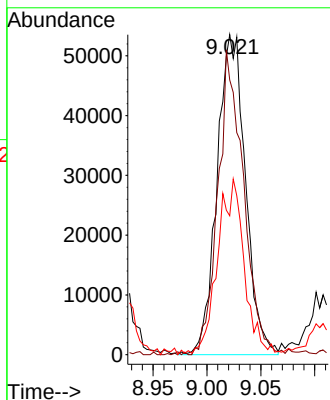
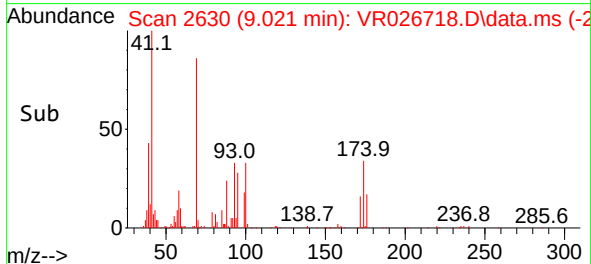
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 41 Resp: 98036
Ion Ratio Lower Upper
41 100
69 85.4 69.8 104.6
39 50.2 39.4 59.2

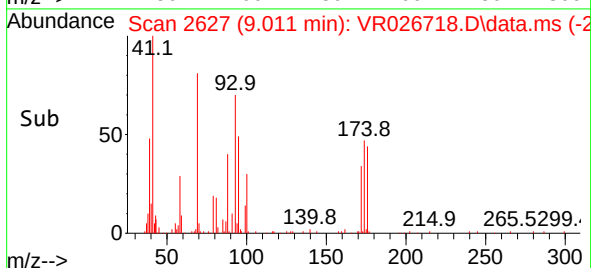
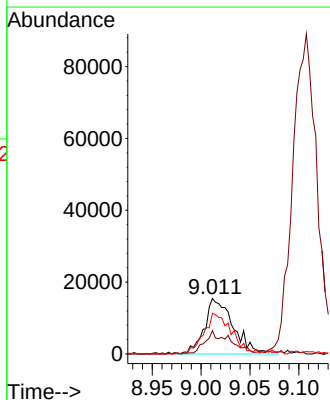
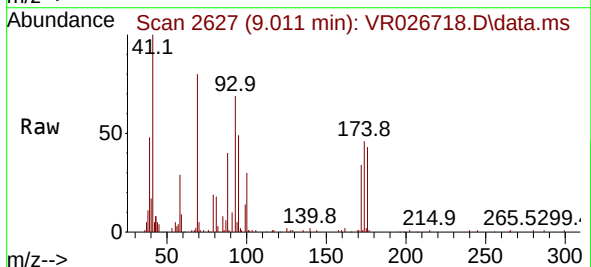
Manual Integrations
APPROVED

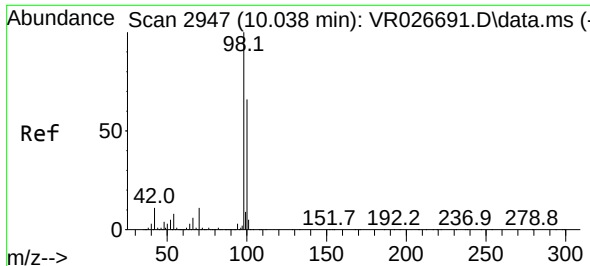
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#48
1,4-Dioxane
Concen: 438.622 ug/l
RT: 9.011 min Scan# 2627
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

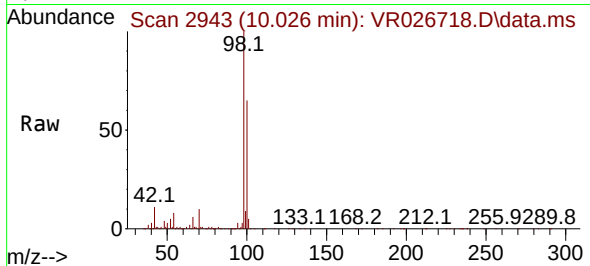
Tgt Ion: 88 Resp: 31717
Ion Ratio Lower Upper
88 100
43 18.6 25.2 37.8#
58 69.4 60.8 91.2





#49
Toluene-d8
Concen: 53.794 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

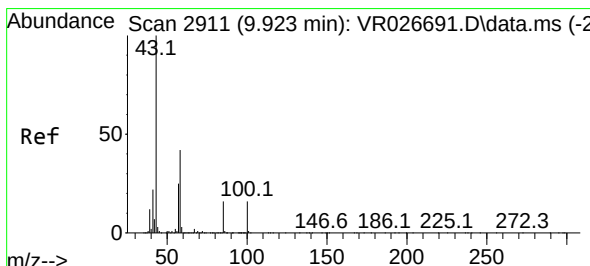
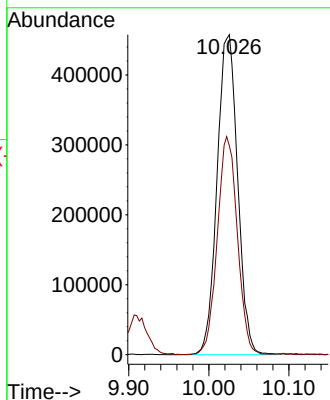
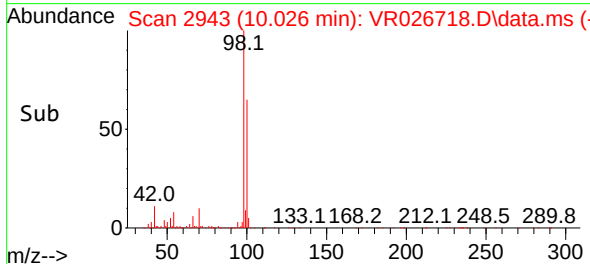
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



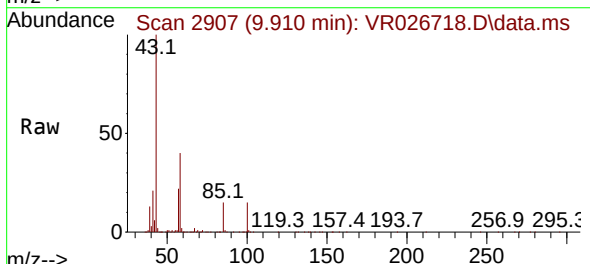
Tgt Ion: 98 Resp: 813984
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

Manual Integrations
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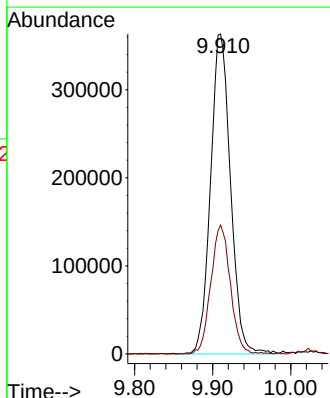
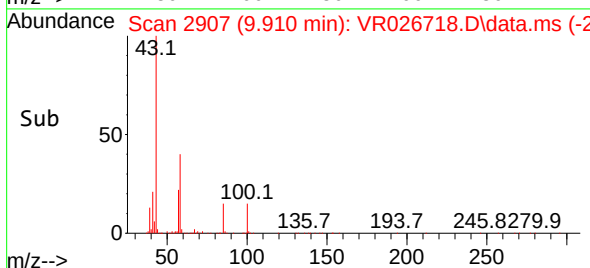
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

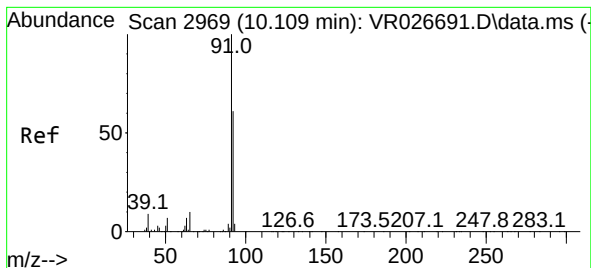


#50
4-Methyl-2-Pentanone
Concen: 120.877 ug/l
RT: 9.910 min Scan# 2907
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



Tgt Ion: 43 Resp: 647265
Ion Ratio Lower Upper
43 100
58 39.1 33.7 50.5





#51

Toluene

Concen: 22.711 ug/l

RT: 10.096 min Scan# 2965

Delta R.T. -0.013 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 92 Resp: 222452

Ion Ratio Lower Upper

92 100

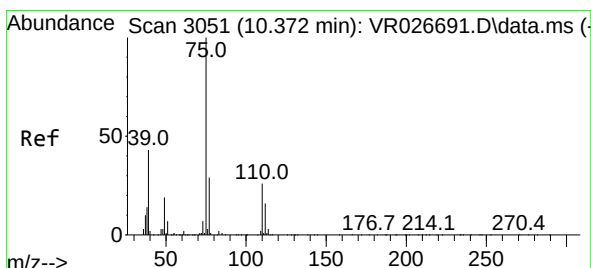
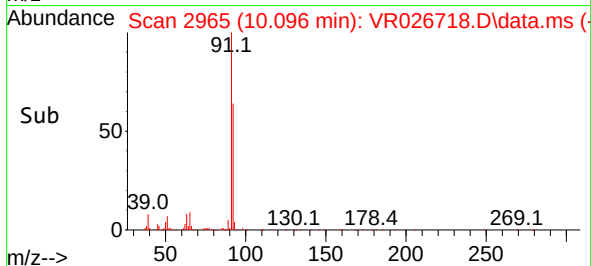
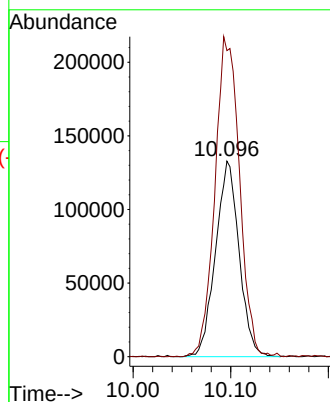
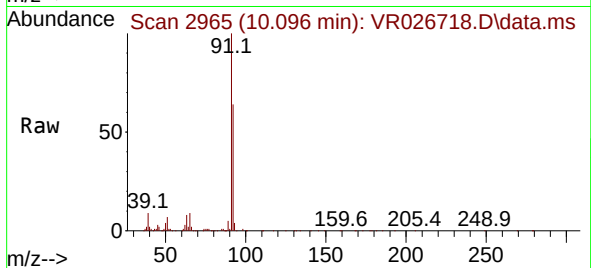
91 170.5 137.8 206.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#52

t-1,3-Dichloropropene

Concen: 18.480 ug/l

RT: 10.359 min Scan# 3047

Delta R.T. -0.013 min

Lab File: VR026718.D

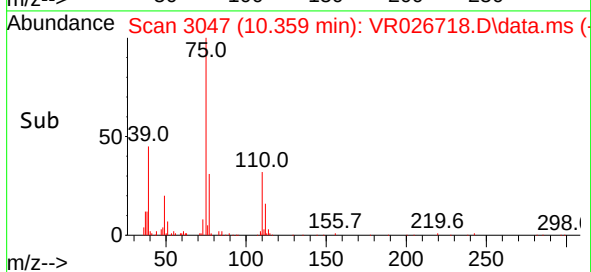
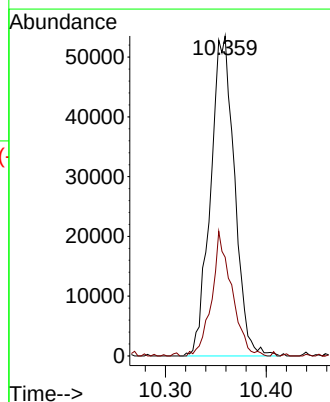
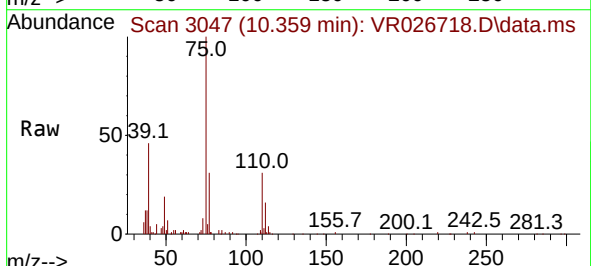
Acq: 6 Aug 2025 15:43

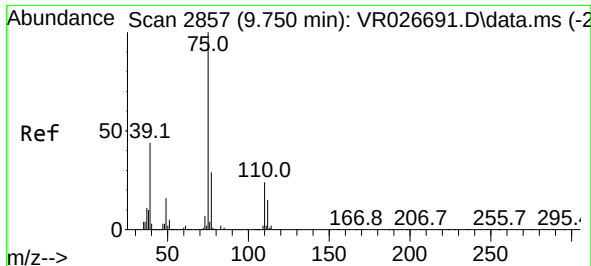
Tgt Ion: 75 Resp: 88626

Ion Ratio Lower Upper

75 100

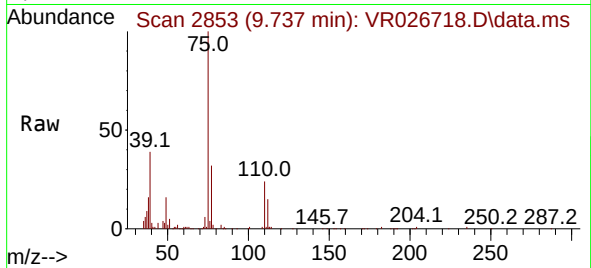
77 30.8 23.4 35.2





#53
 cis-1,3-Dichloropropene
 Concen: 19.662 ug/l
 RT: 9.737 min Scan# 2109
 Delta R.T. -0.013 min
 Lab File: VR026718.D
 Acq: 6 Aug 2025 15:43

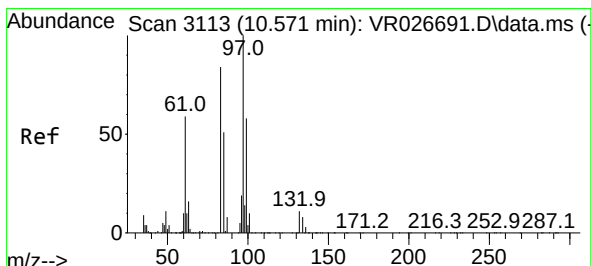
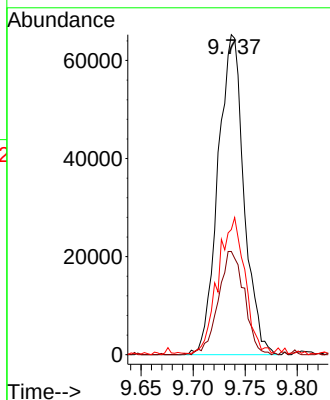
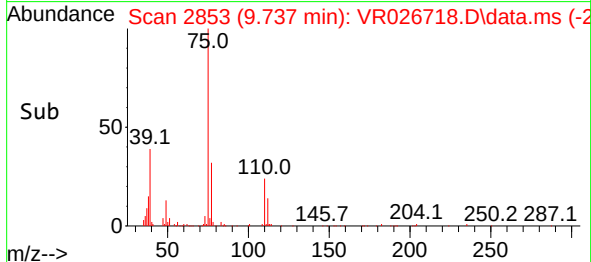
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0806WBSD01



Tgt Ion: 75 Resp: 11310
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.9 34.3
 39 38.4 34.8 52.2

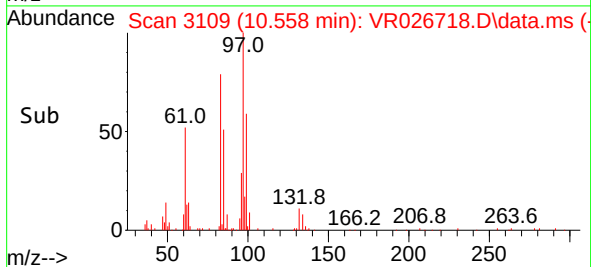
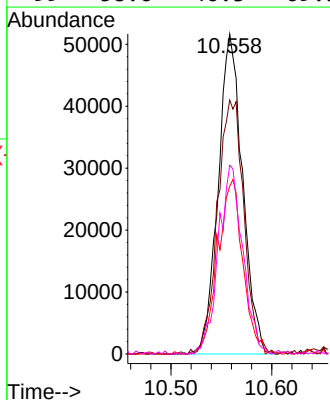
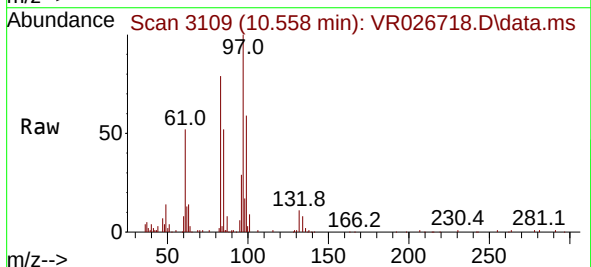
Manual Integrations
 APPROVED

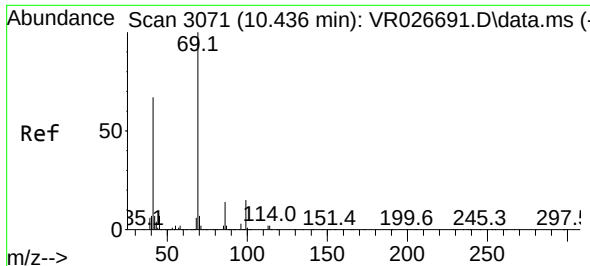
Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025



#54
 1,1,2-Trichloroethane
 Concen: 24.293 ug/l
 RT: 10.558 min Scan# 3109
 Delta R.T. -0.013 min
 Lab File: VR026718.D
 Acq: 6 Aug 2025 15:43

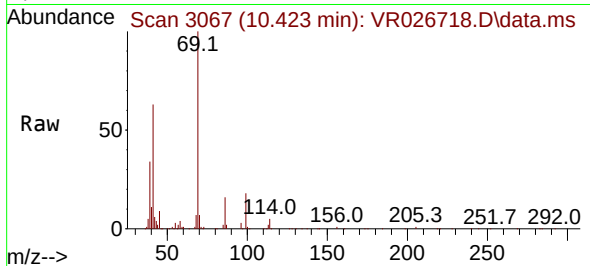
Tgt Ion: 97 Resp: 86901
 Ion Ratio Lower Upper
 97 100
 83 79.4 67.4 101.2
 85 52.4 40.4 60.6
 99 58.6 46.3 69.5





#55
Ethyl methacrylate
Concen: 21.737 ug/l
RT: 10.423 min Scan# 3071
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

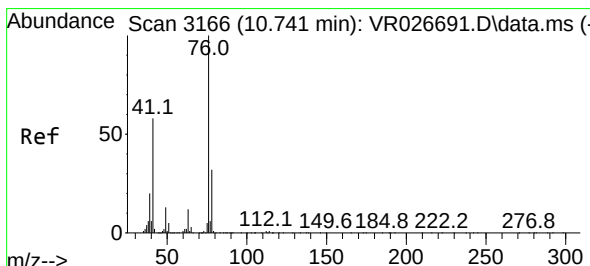
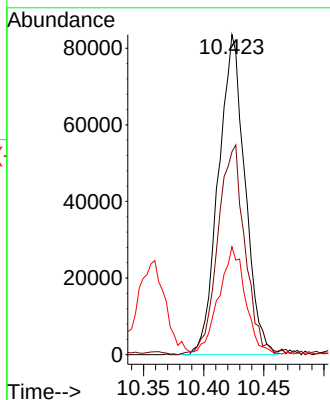
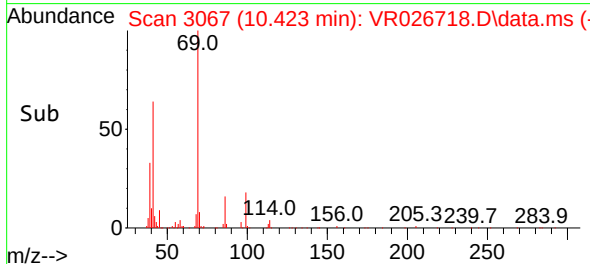
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 69 Resp: 128409
Ion Ratio Lower Upper
69 100
41 66.9 51.5 77.3
39 33.3 24.7 37.1

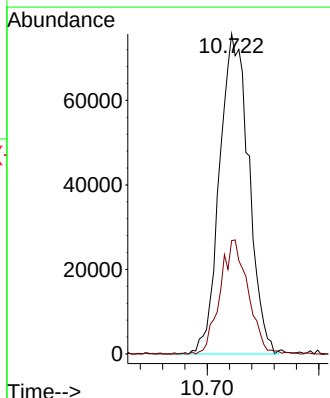
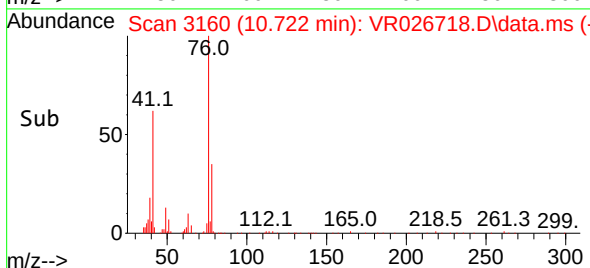
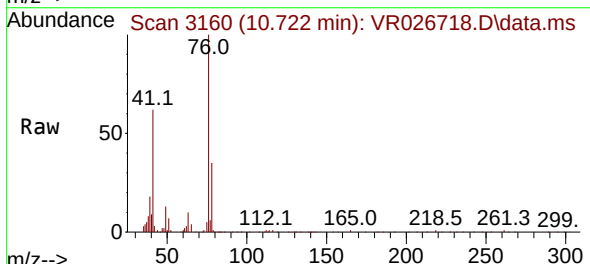
Manual Integrations
APPROVED

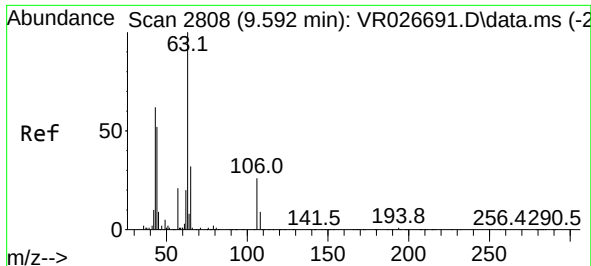
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#56
1,3-Dichloropropane
Concen: 22.526 ug/l
RT: 10.722 min Scan# 3160
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Tgt Ion: 76 Resp: 137254
Ion Ratio Lower Upper
76 100
78 34.3 25.8 38.6





#57

2-Chloroethyl Vinyl ether

Concen: 97.375 ug/l

RT: 9.579 min Scan# 21

Delta R.T. -0.013 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion: 63 Resp: 31789

Ion Ratio Lower Upper

63 100

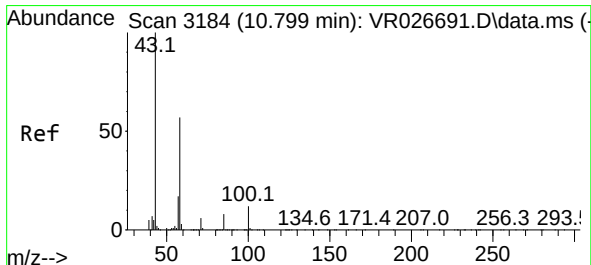
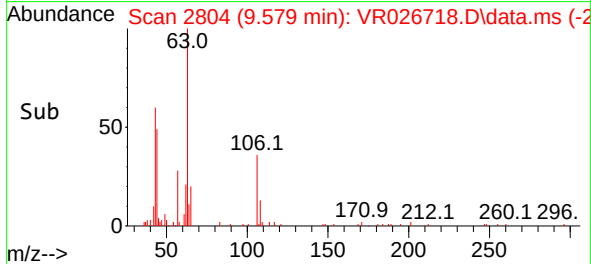
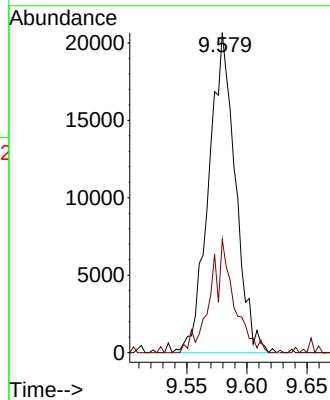
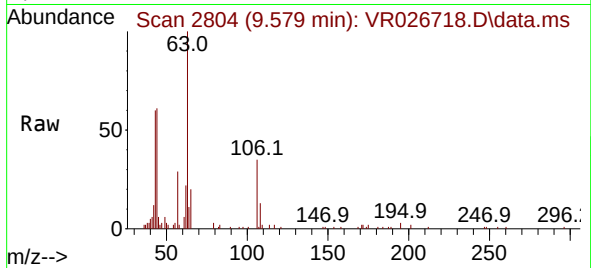
106 31.7 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#58

2-Hexanone

Concen: 116.459 ug/l

RT: 10.786 min Scan# 3180

Delta R.T. -0.013 min

Lab File: VR026718.D

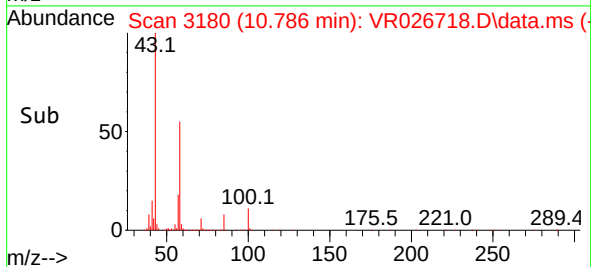
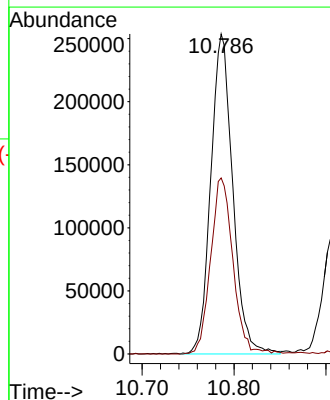
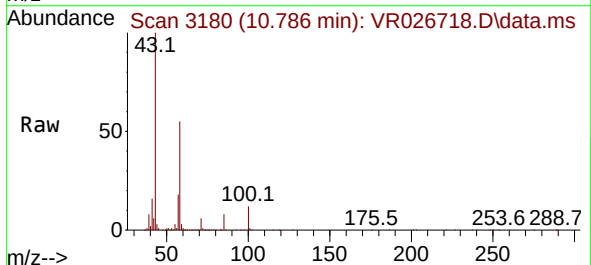
Acq: 6 Aug 2025 15:43

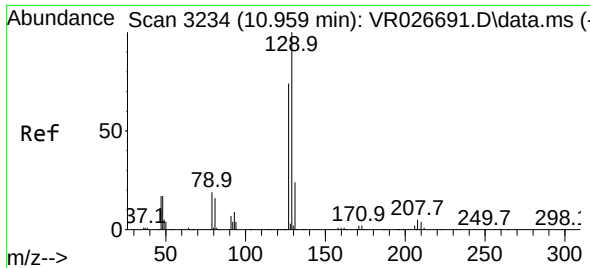
Tgt Ion: 43 Resp: 420403

Ion Ratio Lower Upper

43 100

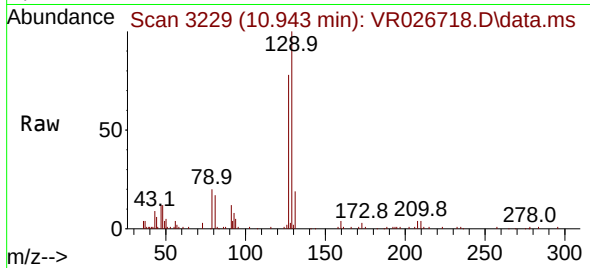
58 55.8 28.8 86.4





#59
Dibromochloromethane
Concen: 21.649 ug/l
RT: 10.943 min Scan# 31
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

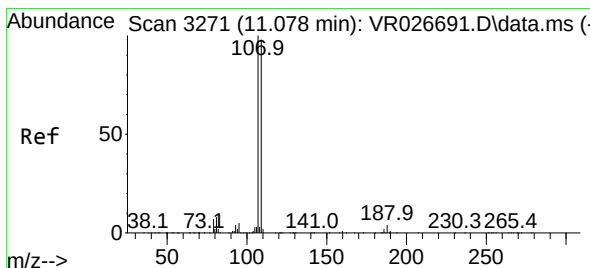
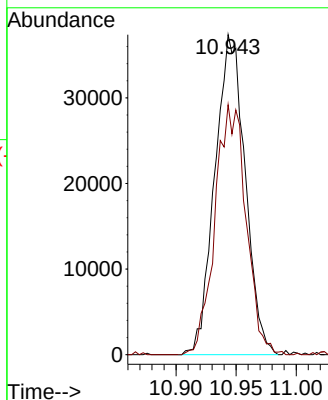
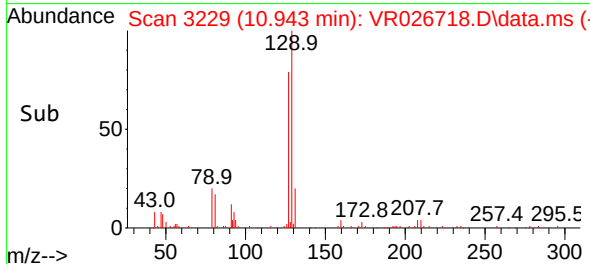
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:129 Resp: 65540
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.6

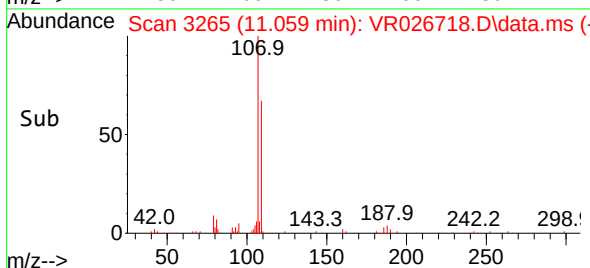
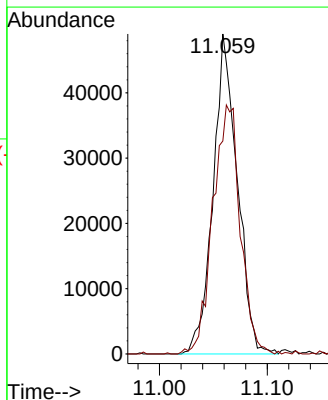
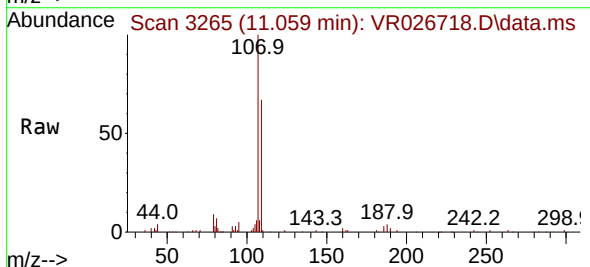
Manual Integrations
APPROVED

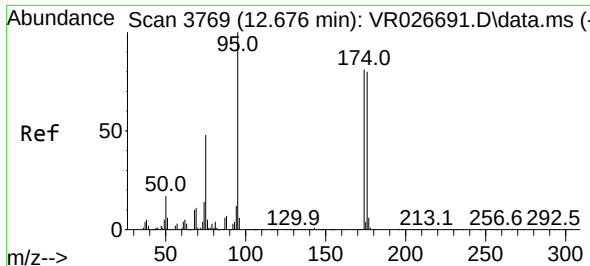
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#60
1,2-Dibromoethane
Concen: 24.835 ug/l
RT: 11.059 min Scan# 3265
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

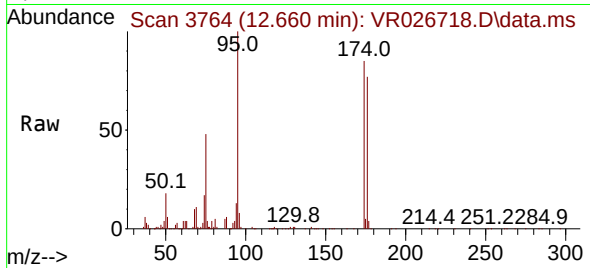
Tgt Ion:107 Resp: 76460
Ion Ratio Lower Upper
107 100
109 88.2 75.9 113.9





#61
4-Bromofluorobenzene
Concen: 53.744 ug/l
RT: 12.660 min Scan# 31
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

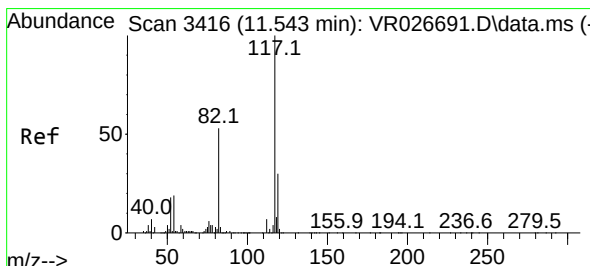
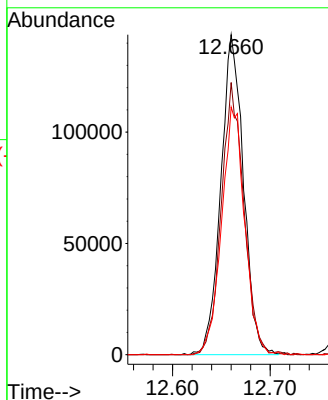
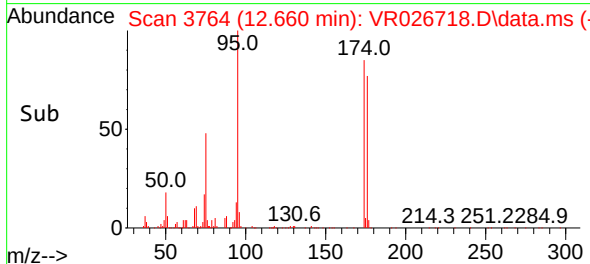
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



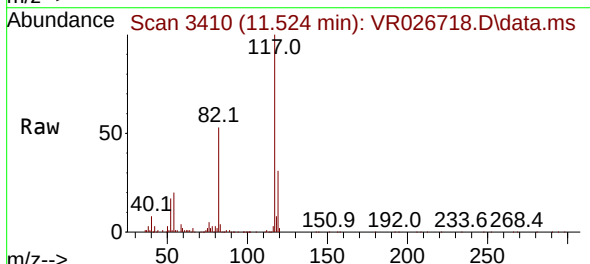
Tgt Ion: 95 Resp: 23130
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.4
176 79.4 0.0 149.0

Manual Integrations
APPROVED

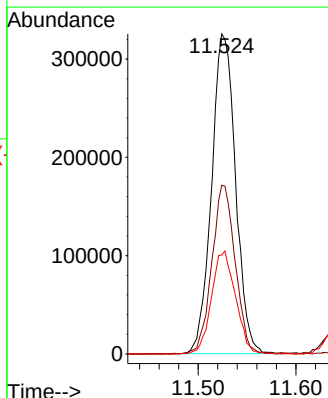
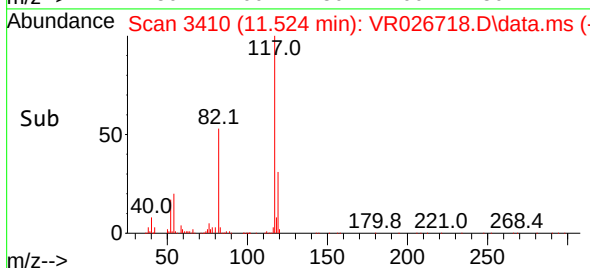
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

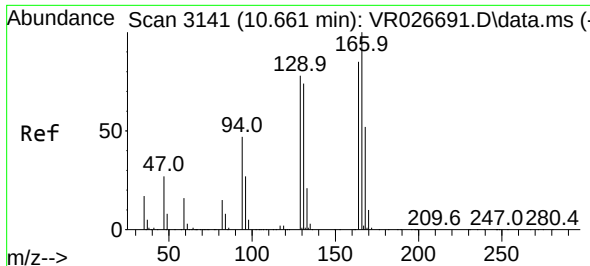


#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.524 min Scan# 3410
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



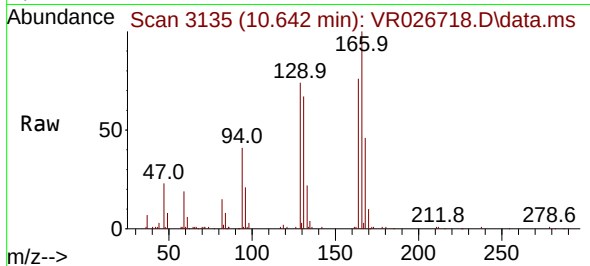
Tgt Ion:117 Resp: 554694
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 30.9 23.9 35.9





#63
Tetrachloroethene
Concen: 20.038 ug/l
RT: 10.642 min Scan# 3141
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

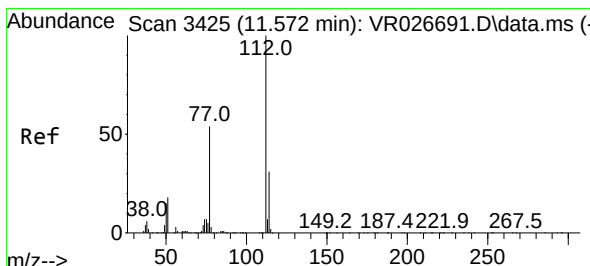
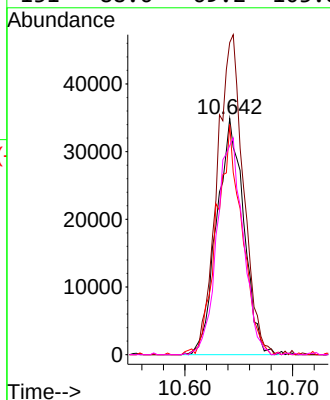
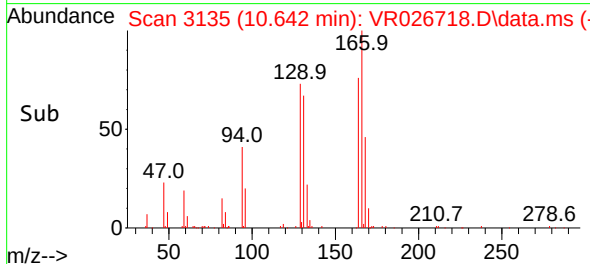
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:164 Resp: 60720
Ion Ratio Lower Upper
164 100
166 132.2 93.7 140.5
129 97.4 73.4 110.2
131 88.6 69.2 103.8

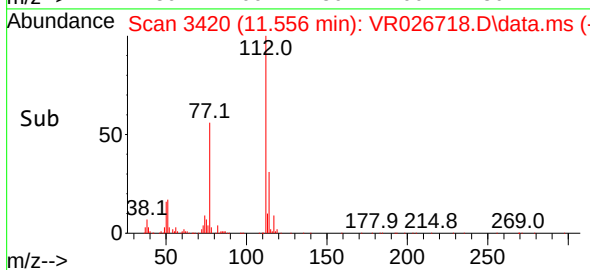
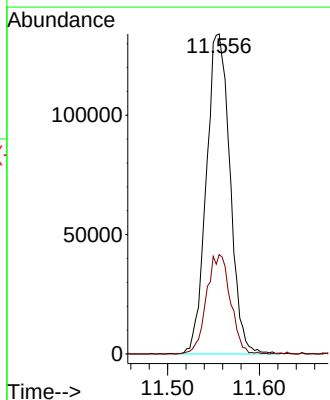
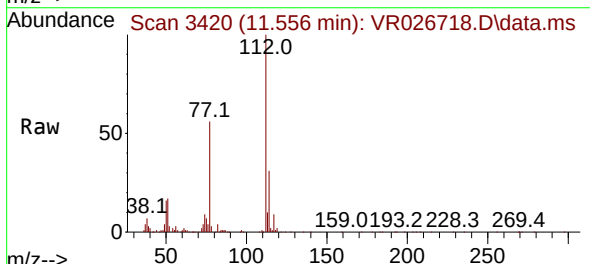
Manual Integrations
APPROVED

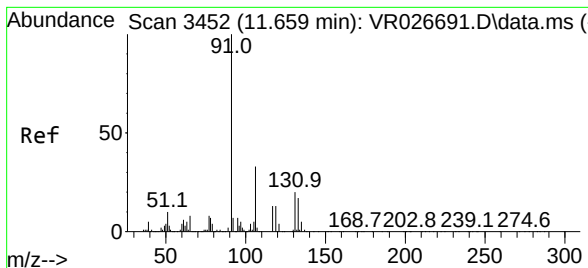
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#64
Chlorobenzene
Concen: 20.790 ug/l
RT: 11.556 min Scan# 3420
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

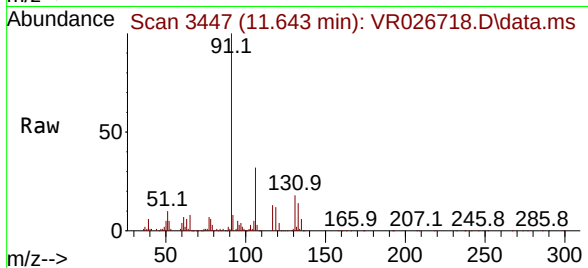
Tgt Ion:112 Resp: 240005
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.593 ug/l
RT: 11.643 min Scan# 3447
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

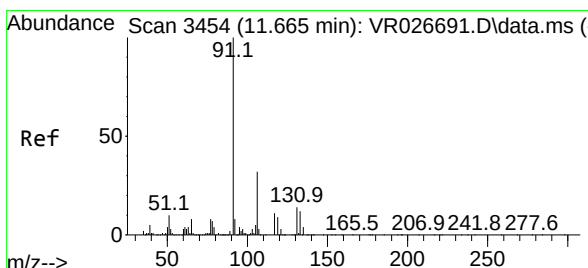
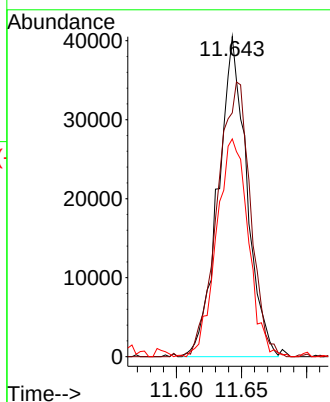
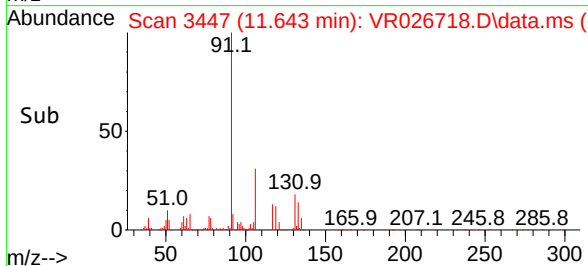
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



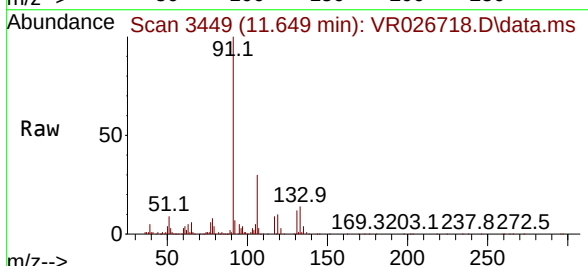
Tgt Ion:131 Resp: 6177
Ion Ratio Lower Upper
131 100
133 99.4 46.2 138.5
119 75.8 35.7 107.1

Manual Integrations
APPROVED

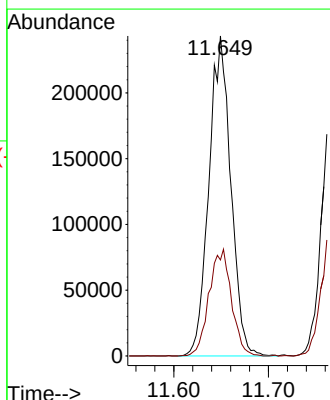
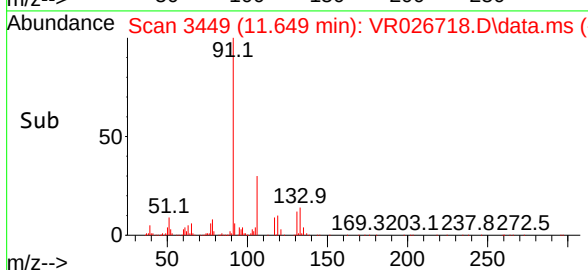
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

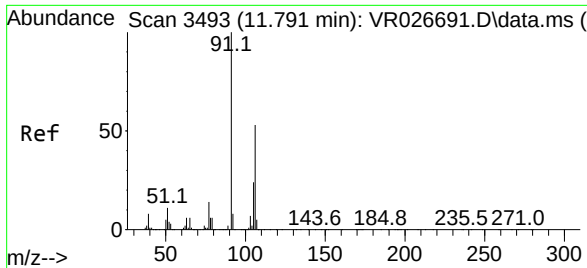


#66
Ethyl Benzene
Concen: 20.271 ug/l
RT: 11.649 min Scan# 3449
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



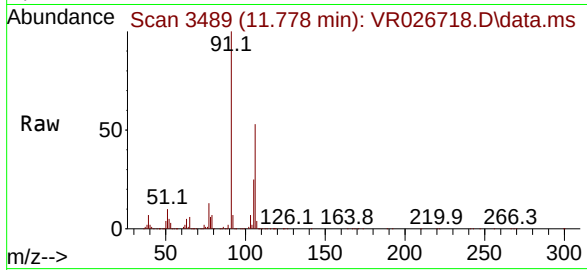
Tgt Ion: 91 Resp: 390727
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0





#67
m/p-Xylenes
Concen: 40.631 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

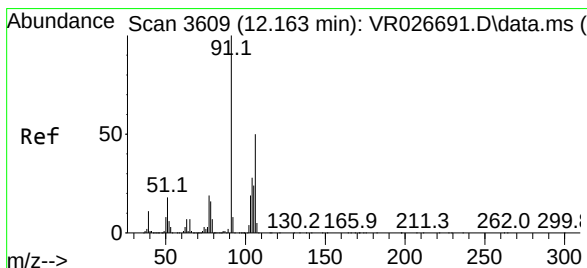
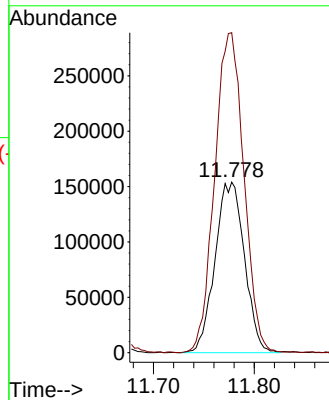
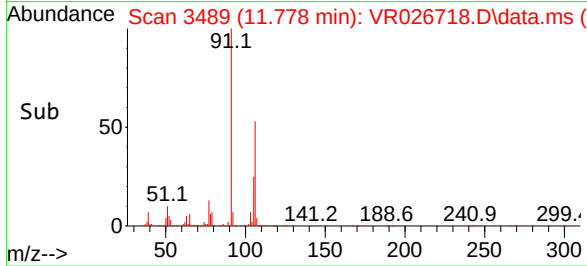
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



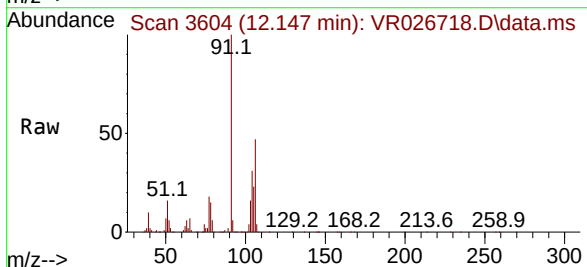
Tgt Ion:106 Resp: 31289
Ion Ratio Lower Upper
106 100
91 185.9 146.8 220.2

Manual Integrations
APPROVED

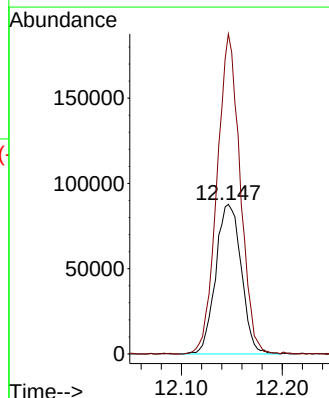
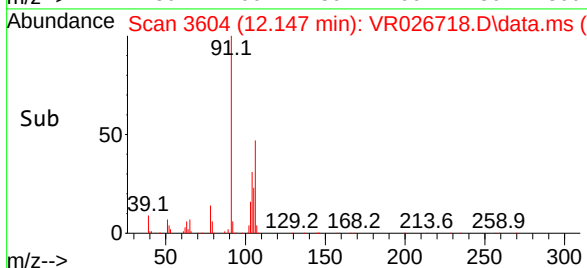
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

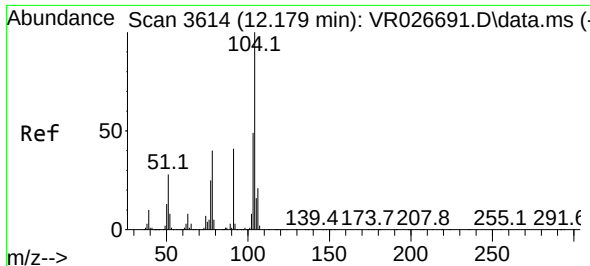


#68
o-Xylene
Concen: 20.684 ug/l
RT: 12.147 min Scan# 3604
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



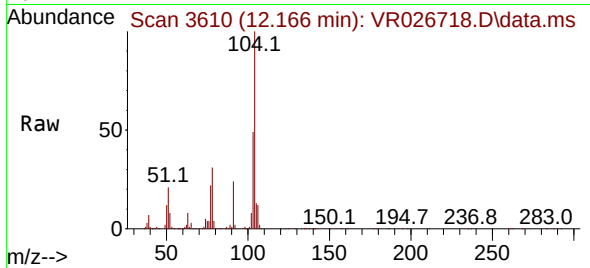
Tgt Ion:106 Resp: 154620
Ion Ratio Lower Upper
106 100
91 193.8 97.9 293.6





#69
Styrene
Concen: 21.621 ug/l
RT: 12.166 min Scan# 3610
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

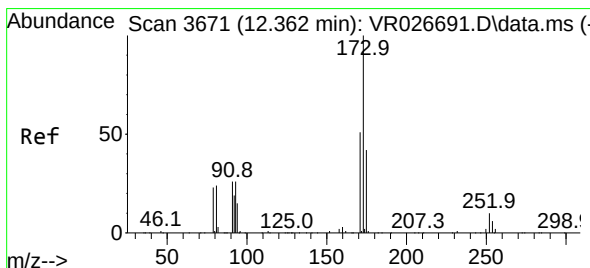
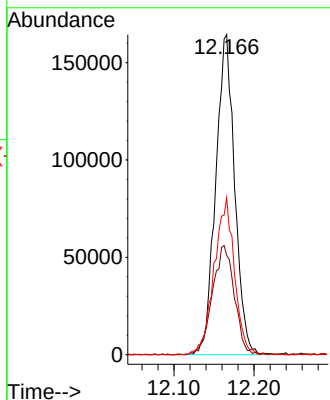
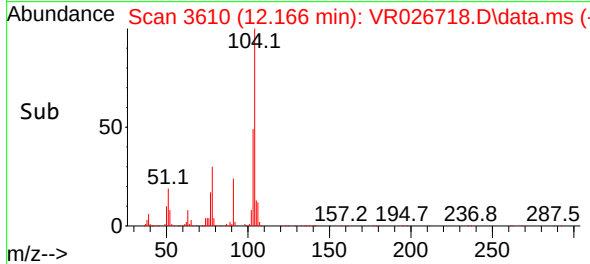
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



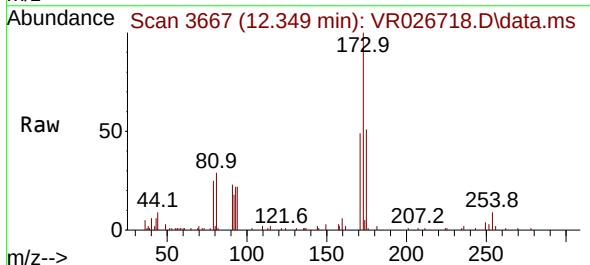
Tgt Ion:104 Resp: 270098
Ion Ratio Lower Upper
104 100
78 39.2 34.5 51.7
103 52.1 43.2 64.8

Manual Integrations
APPROVED

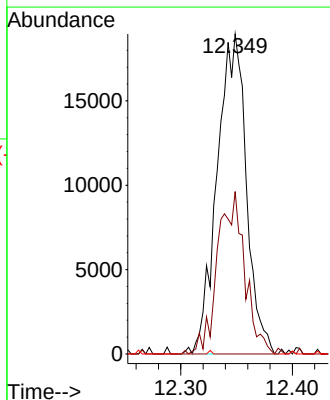
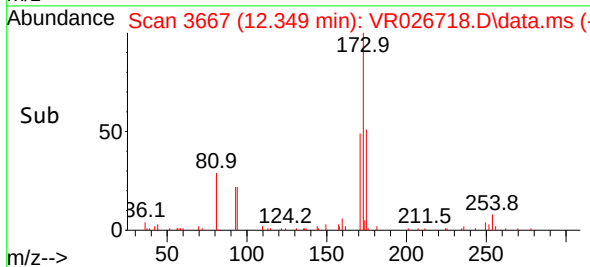
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

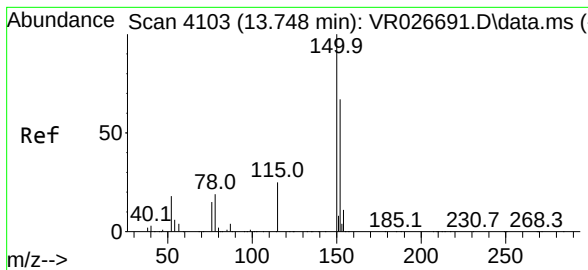


#70
Bromoform
Concen: 19.334 ug/l
RT: 12.349 min Scan# 3667
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



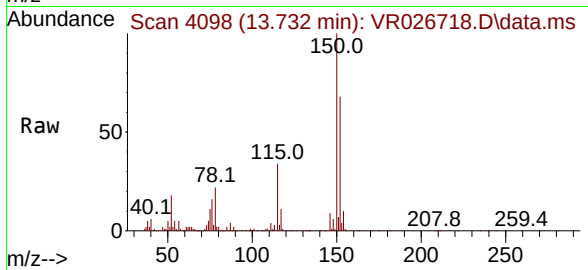
Tgt Ion:173 Resp: 34502
Ion Ratio Lower Upper
173 100
175 46.9 23.6 71.0
254 0.0 0.1 0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.732 min Scan# 4098
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

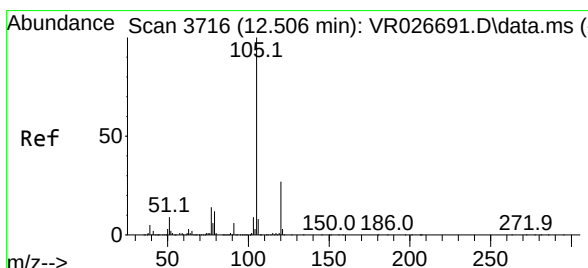
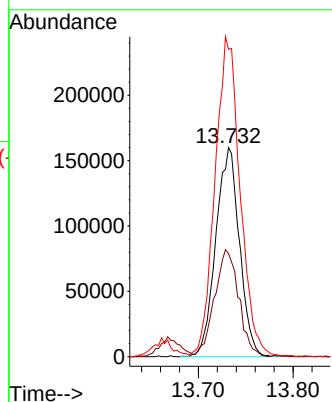
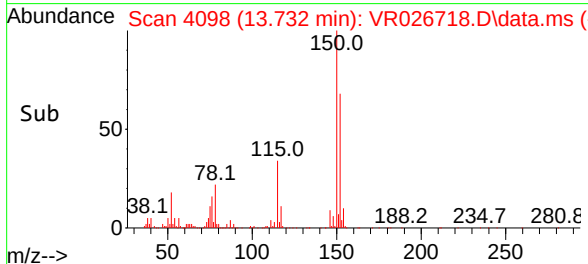
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



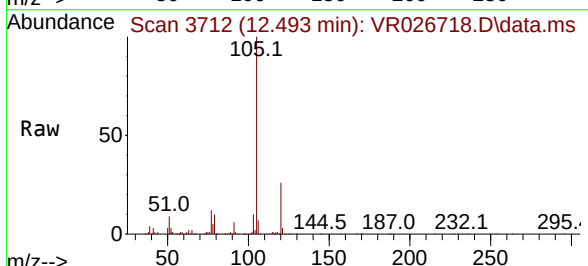
Tgt Ion:152 Resp: 277450
Ion Ratio Lower Upper
152 100
115 52.3 27.8 83.4
150 162.0 0.0 350.4

Manual Integrations
APPROVED

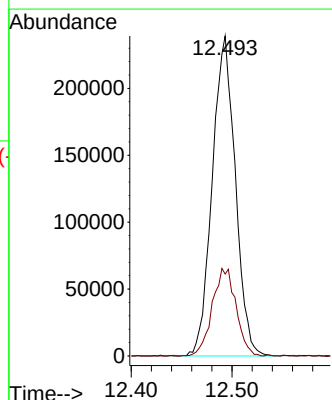
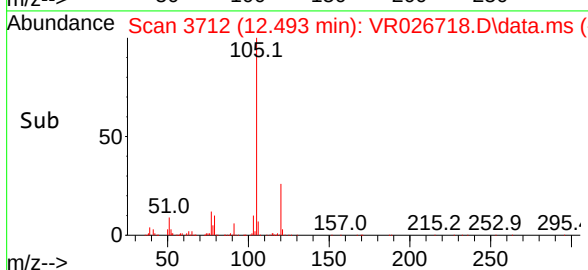
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

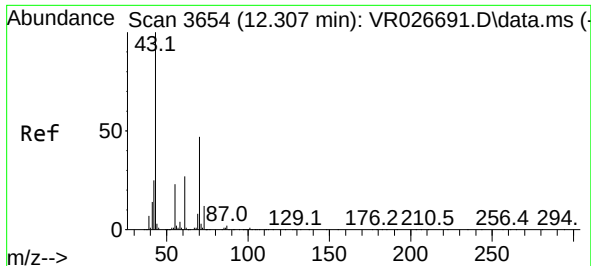


#72
Isopropylbenzene
Concen: 19.239 ug/l
RT: 12.493 min Scan# 3712
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



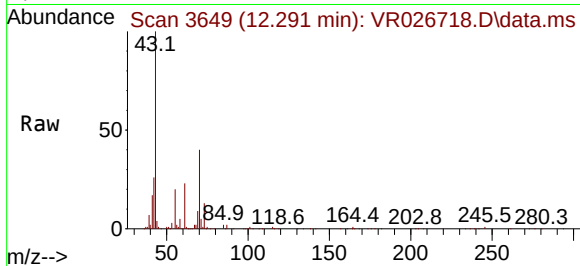
Tgt Ion:105 Resp: 380461
Ion Ratio Lower Upper
105 100
120 28.2 14.2 42.8





#73
N-amy1 acetate
Concen: 18.074 ug/l
RT: 12.291 min Scan# 3649
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

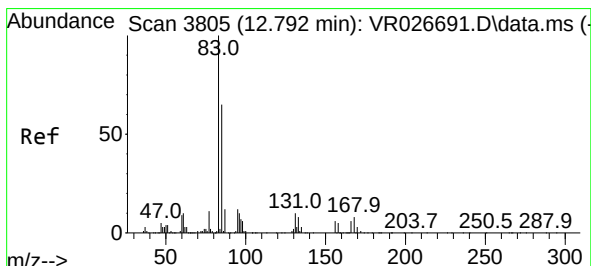
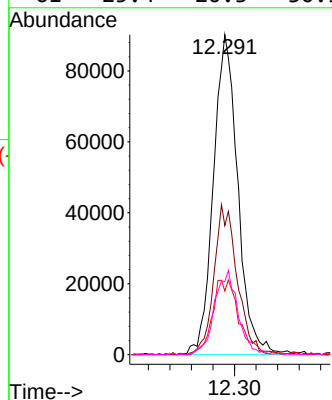
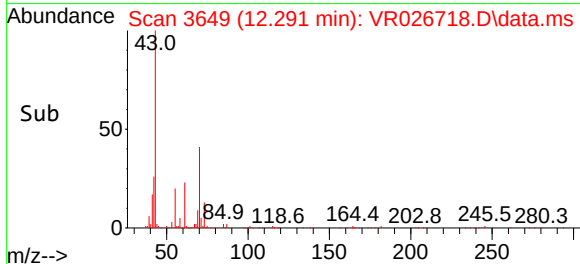
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:	43	Resp:	14171
Ion Ratio	100	Lower	Upper
43	100		
70	44.9	36.4	54.6
55	25.3	18.7	28.1
61	25.4	20.3	30.5

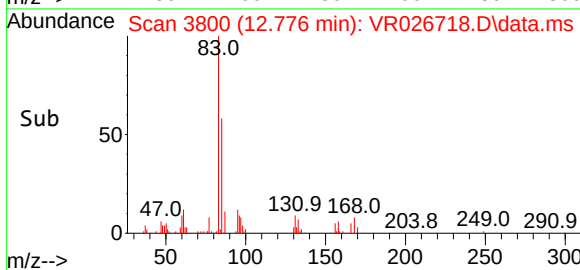
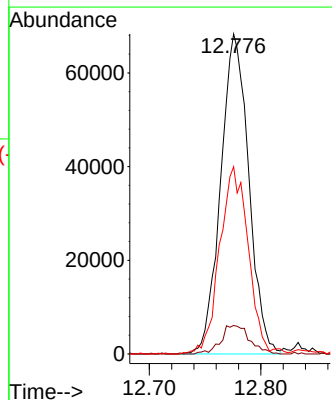
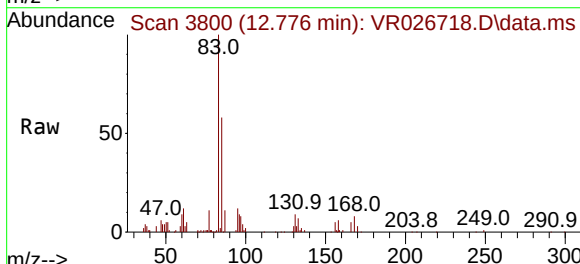
Manual Integrations
APPROVED

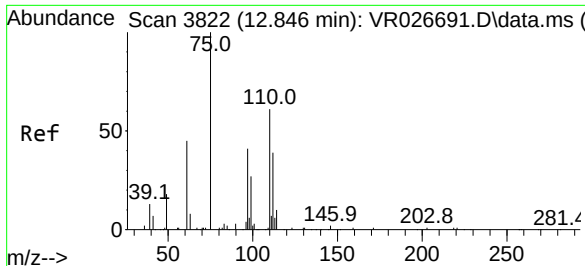
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 20.569 ug/l
RT: 12.776 min Scan# 3800
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Tgt Ion:	83	Resp:	119347
Ion Ratio	100	Lower	Upper
83	100		
131	9.1	4.2	12.4
85	59.1	32.3	96.8





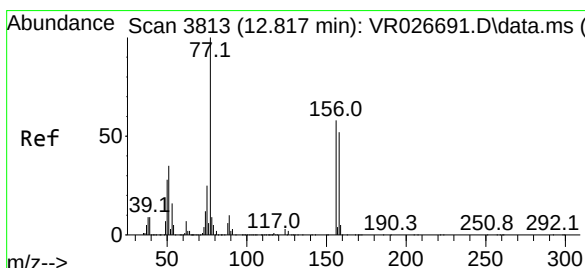
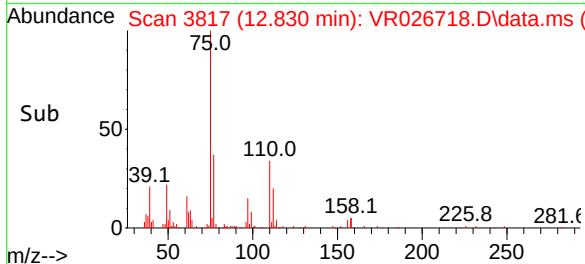
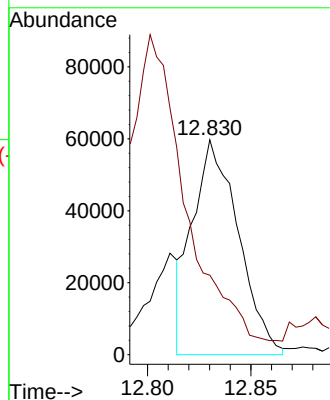
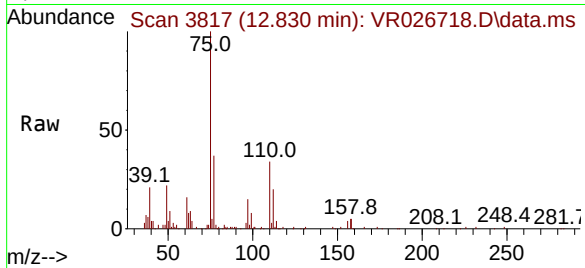
#75
1,2,3-Trichloropropane
Concen: 20.106 ug/l m
RT: 12.830 min Scan# 3817
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01

Tgt Ion: 75 Resp: 9247
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

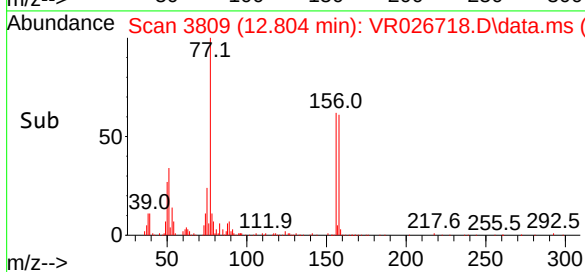
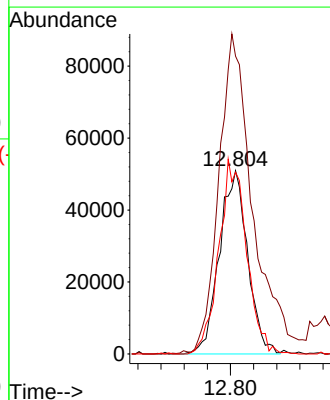
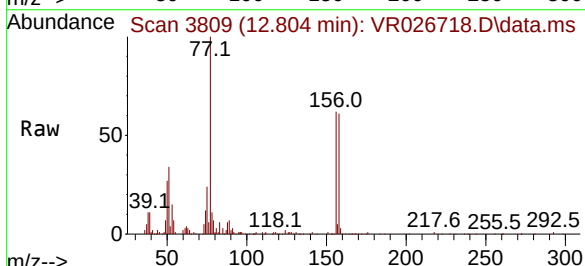
Manual Integrations
APPROVED

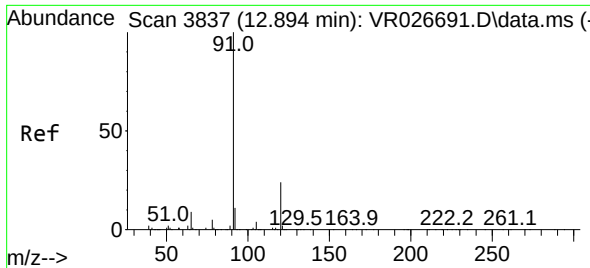
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#76
Bromobenzene
Concen: 18.875 ug/l
RT: 12.804 min Scan# 3809
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

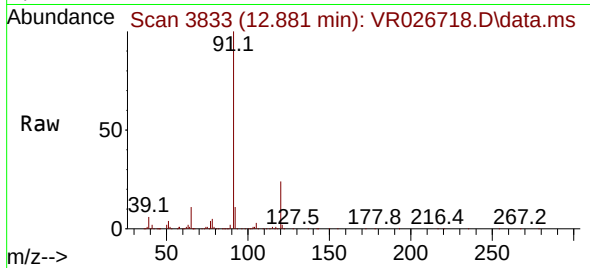
Tgt Ion:156 Resp: 86383
Ion Ratio Lower Upper
156 100
77 209.5 105.5 316.4
158 104.0 46.4 139.1





#77
n-propylbenzene
Concen: 19.749 ug/l
RT: 12.881 min Scan# 3833
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

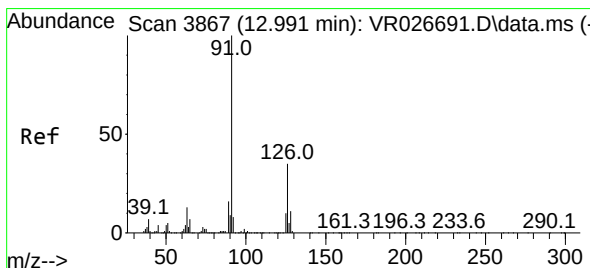
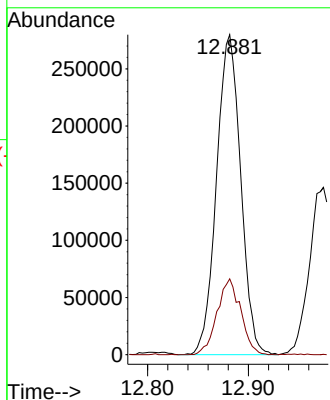
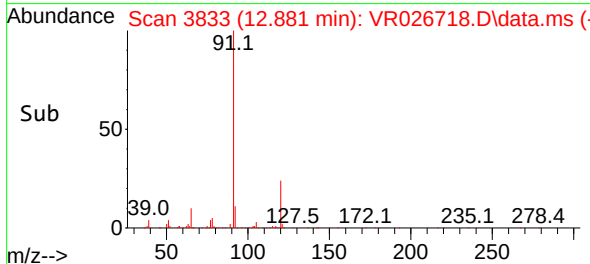
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 91 Resp: 46595
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.9

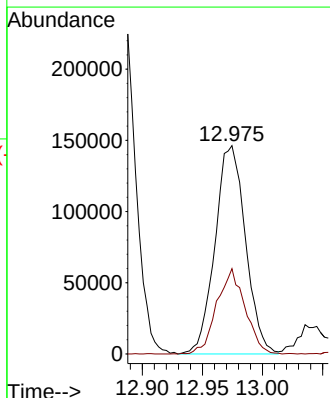
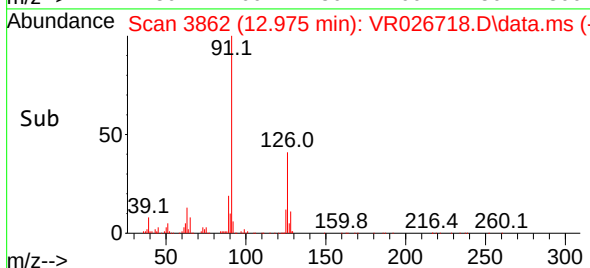
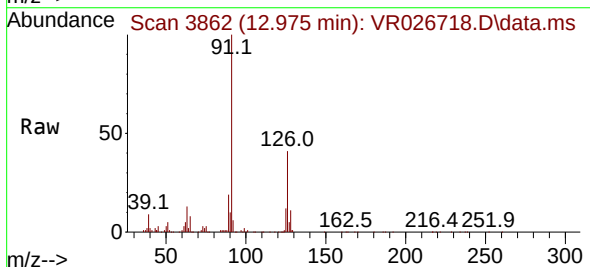
Manual Integrations
APPROVED

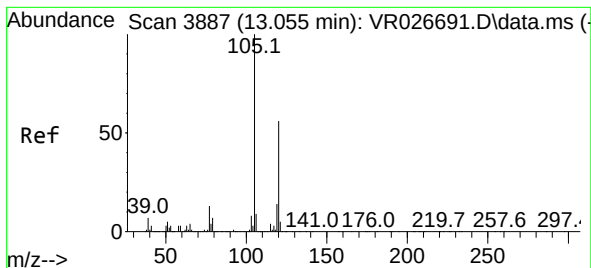
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#78
2-Chlorotoluene
Concen: 19.313 ug/l
RT: 12.975 min Scan# 3862
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

Tgt Ion: 91 Resp: 258530
Ion Ratio Lower Upper
91 100
126 37.9 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 19.596 ug/l

RT: 13.039 min Scan# 3882

Delta R.T. -0.016 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

Instrument :

MSVOA_R

ClientSampleId :

VR0806WBSD01

Tgt Ion:105 Resp: 30304

Ion Ratio Lower Upper

105 100

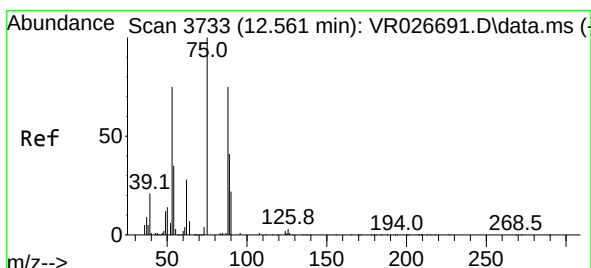
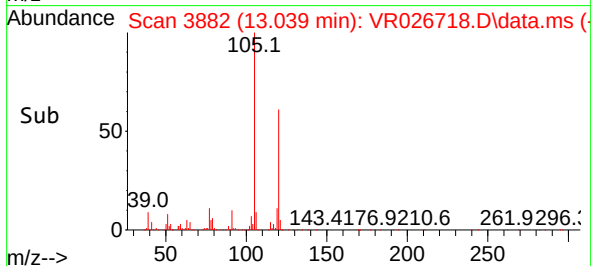
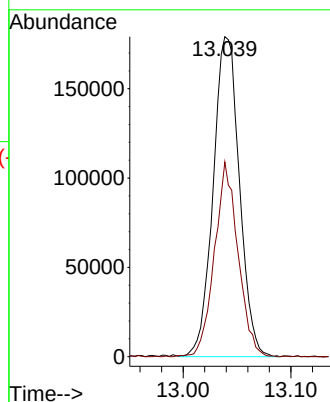
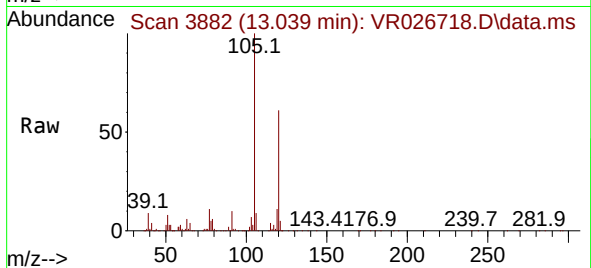
120 54.5 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#80

trans-1,4-Dichloro-2-butene

Concen: 14.761 ug/l

RT: 12.541 min Scan# 3727

Delta R.T. -0.019 min

Lab File: VR026718.D

Acq: 6 Aug 2025 15:43

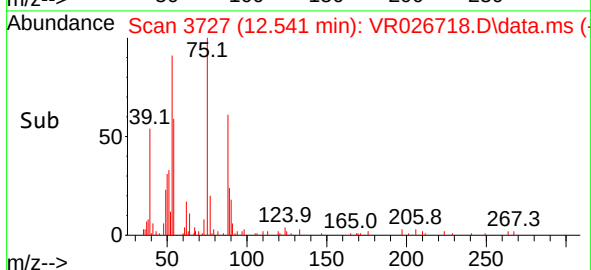
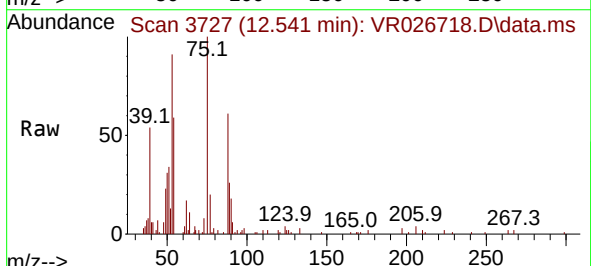
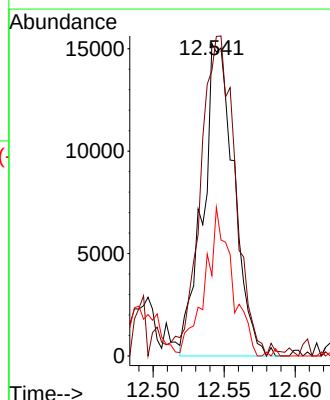
Tgt Ion: 75 Resp: 23309

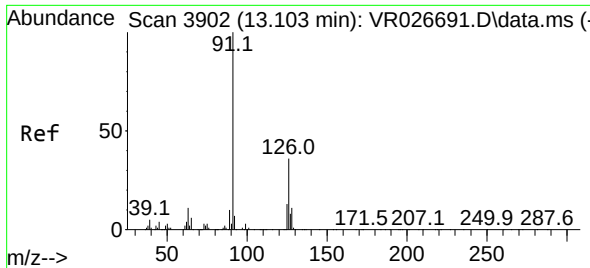
Ion Ratio Lower Upper

75 100

53 113.2 67.8 101.6#

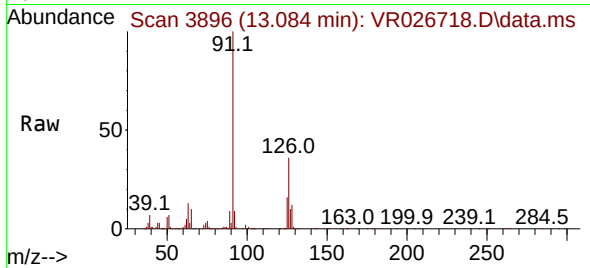
89 41.1 34.6 52.0





#81
4-Chlorotoluene
Concen: 19.013 ug/l
RT: 13.084 min Scan# 3902
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

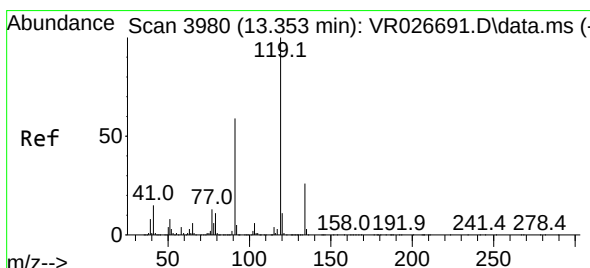
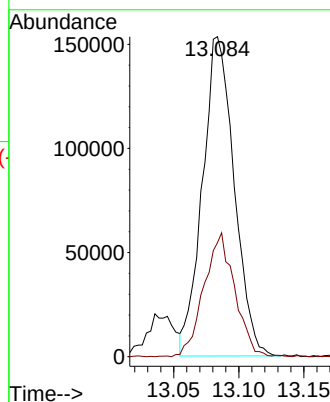
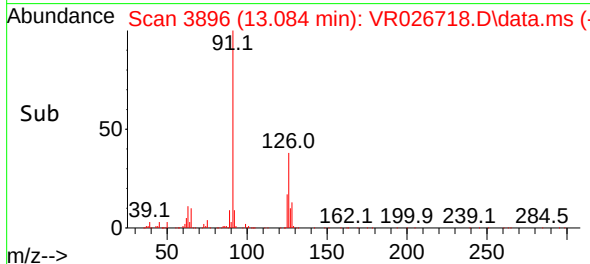
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion: 91 Resp: 259998
Ion Ratio Lower Upper
91 100
126 37.6 17.8 53.3

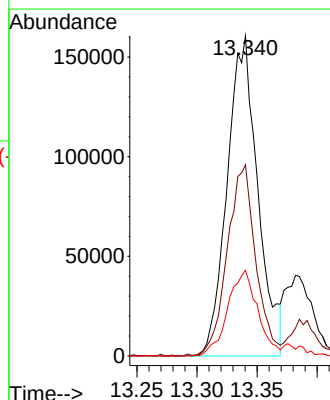
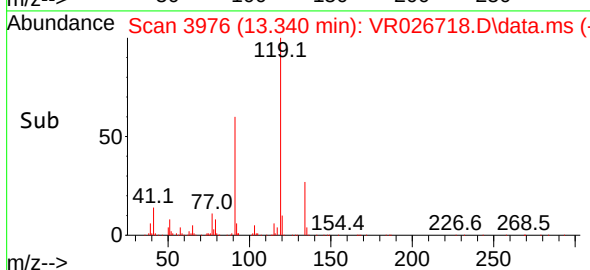
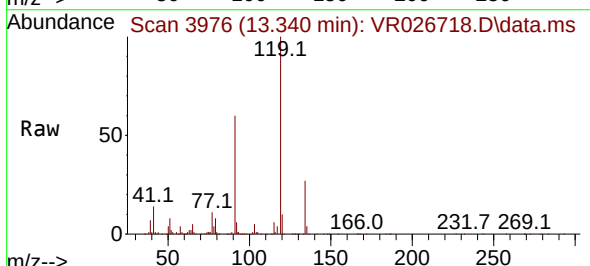
Manual Integrations
APPROVED

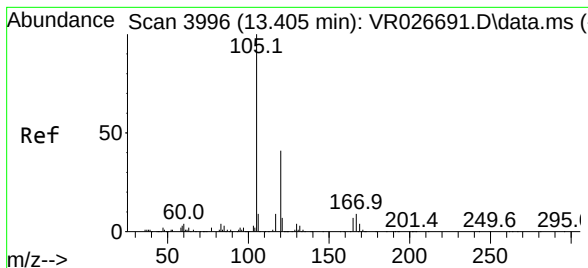
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#82
tert-Butylbenzene
Concen: 20.220 ug/l
RT: 13.340 min Scan# 3976
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

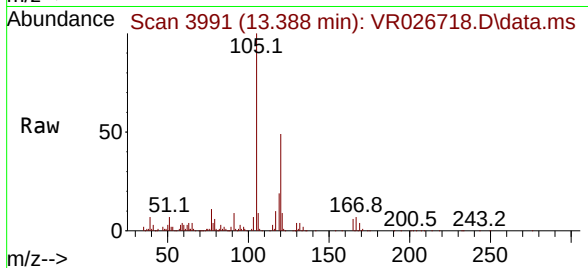
Tgt Ion:119 Resp: 284416
Ion Ratio Lower Upper
119 100
91 55.0 29.9 89.7
134 26.1 13.5 40.4





#83
1,2,4-Trimethylbenzene
Concen: 19.499 ug/l
RT: 13.388 min Scan# 3991
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

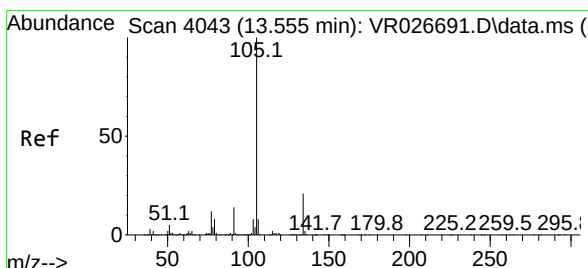
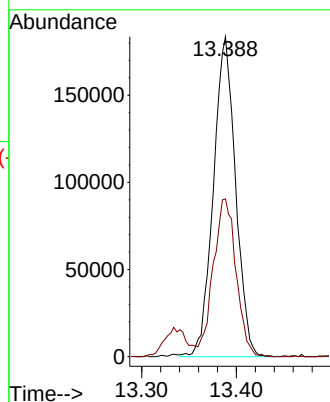
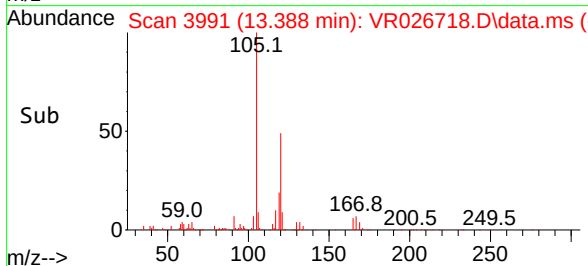
Instrument : MSVOA_R
ClientSampleId : VR0806WBSD01



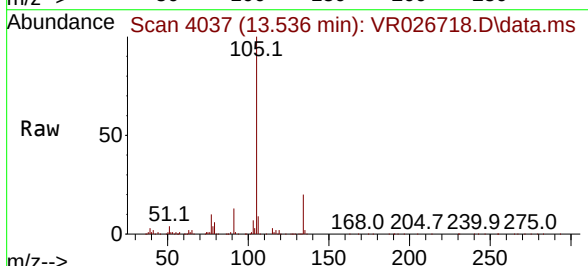
Tgt Ion:105 Resp: 298489
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0

Manual Integrations
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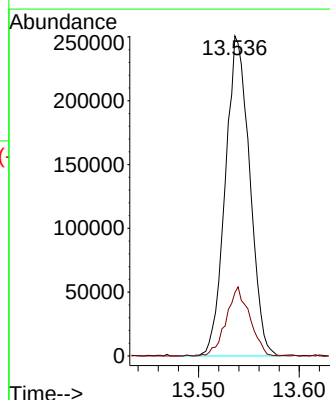
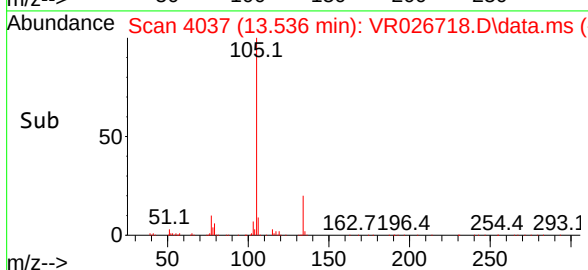
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

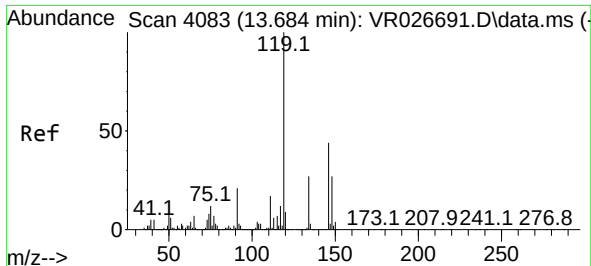


#84
sec-Butylbenzene
Concen: 20.169 ug/l
RT: 13.536 min Scan# 4037
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



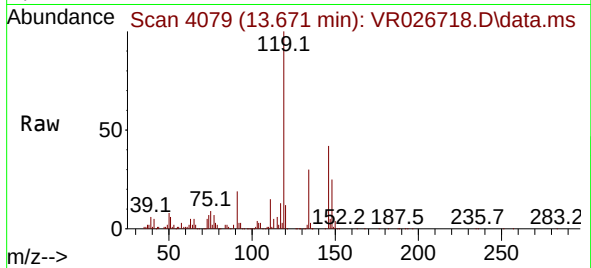
Tgt Ion:105 Resp: 420720
Ion Ratio Lower Upper
105 100
134 20.9 10.4 31.1





#85
p-Isopropyltoluene
Concen: 19.790 ug/l
RT: 13.671 min Scan# 4079
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

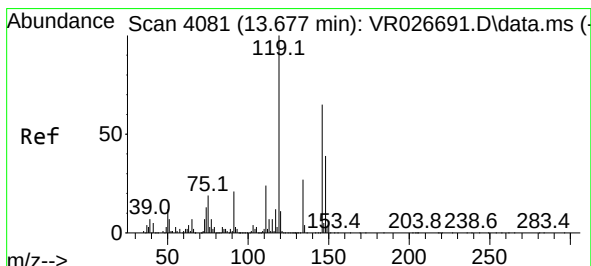
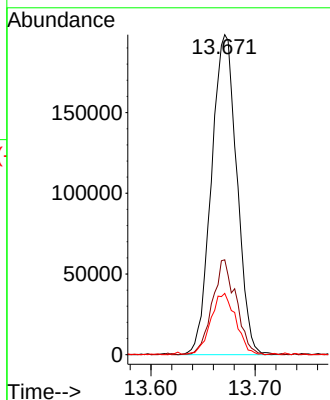
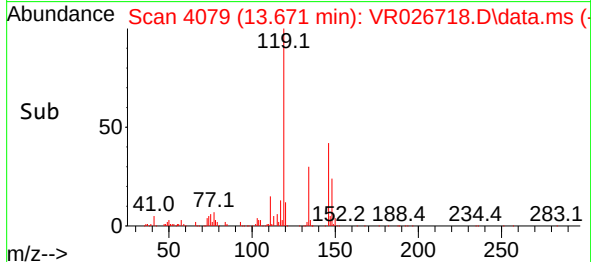
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



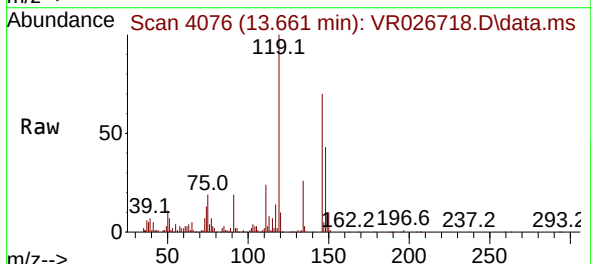
Tgt Ion:119 Resp: 33659
Ion Ratio Lower Upper
119 100
134 27.7 13.9 41.7
91 18.9 10.4 31.2

Manual Integrations
APPROVED

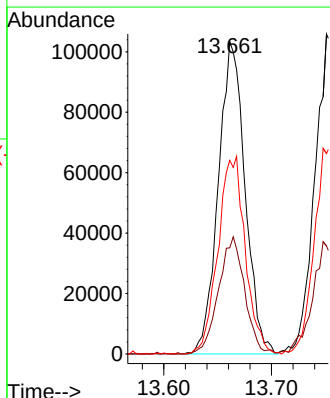
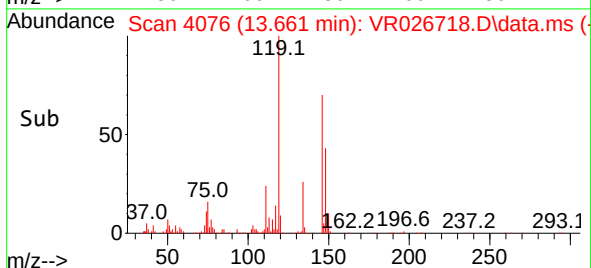
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

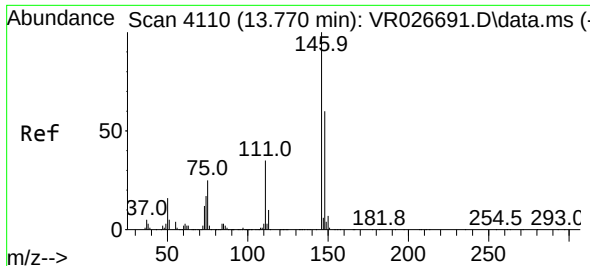


#86
1,3-Dichlorobenzene
Concen: 19.848 ug/l
RT: 13.661 min Scan# 4076
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



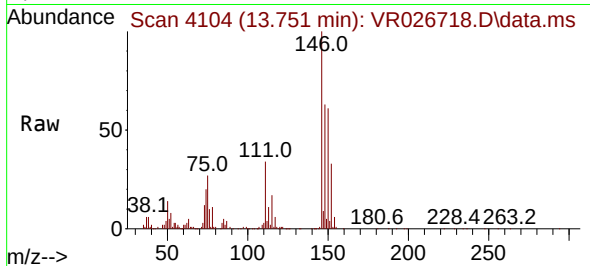
Tgt Ion:146 Resp: 178080
Ion Ratio Lower Upper
146 100
111 36.7 19.4 58.2
148 64.5 31.4 94.3





#87
1,4-Dichlorobenzene
Concen: 20.595 ug/l
RT: 13.751 min Scan# 4110
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

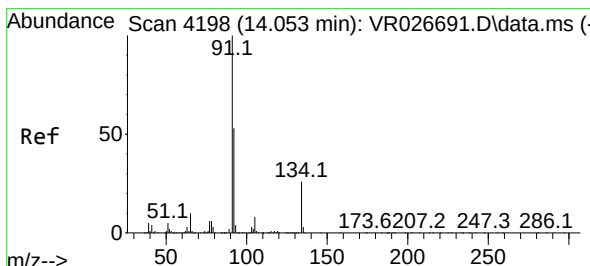
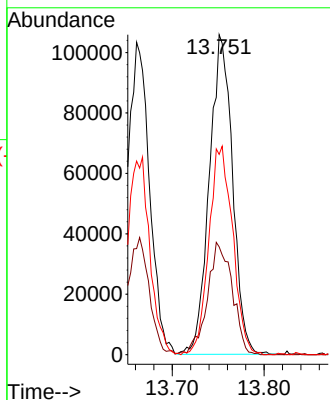
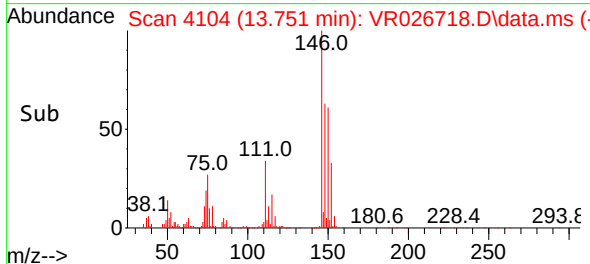
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:146 Resp: 185460
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.3
148 67.0 32.6 97.8

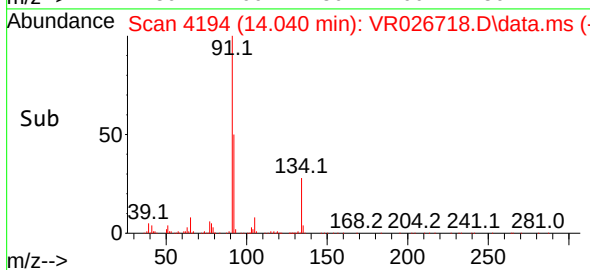
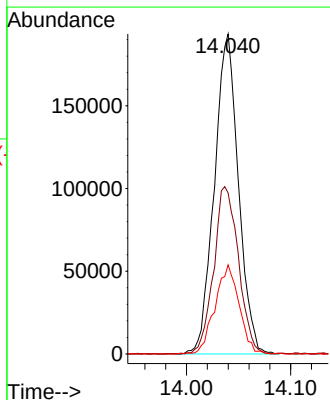
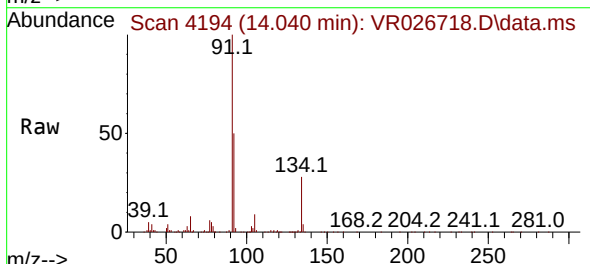
Manual Integrations
APPROVED

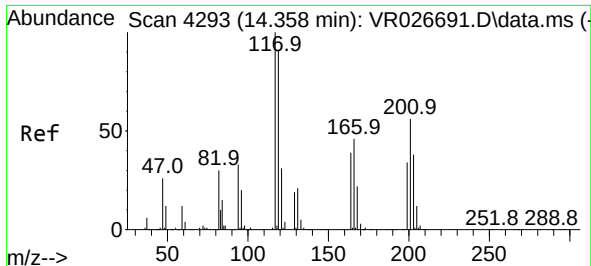
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#88
n-Butylbenzene
Concen: 19.815 ug/l
RT: 14.040 min Scan# 4194
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

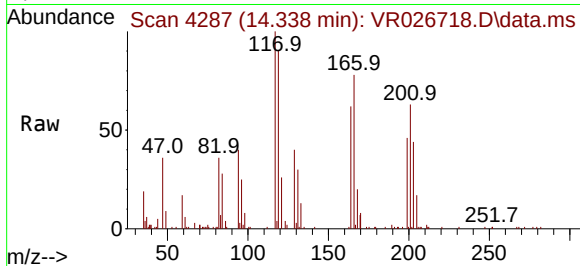
Tgt Ion: 91 Resp: 310631
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 27.9 13.1 39.3





#89
Hexachloroethane
Concen: 17.966 ug/l
RT: 14.338 min Scan# 41
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

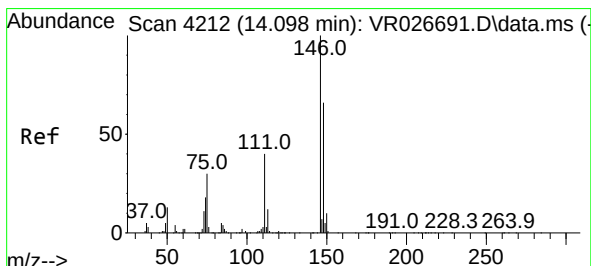
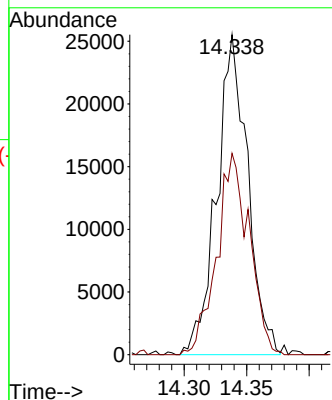
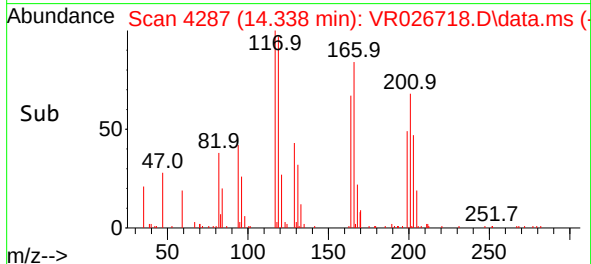
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



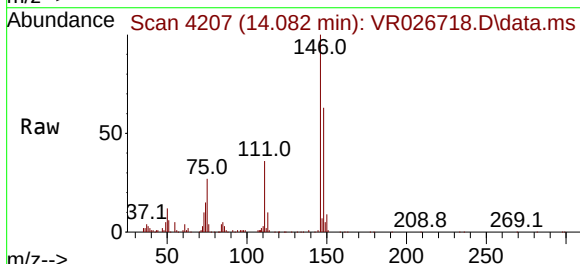
Tgt Ion:117 Resp: 43880
Ion Ratio Lower Upper
117 100
201 66.1 30.6 92.0

Manual Integrations
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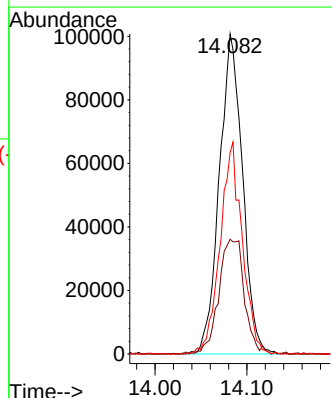
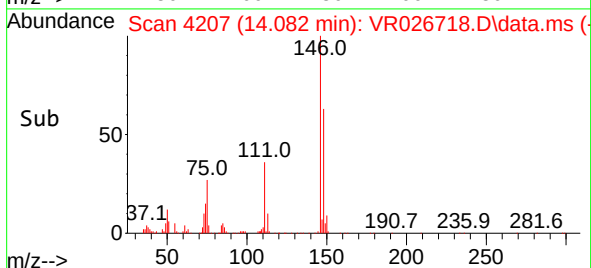
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

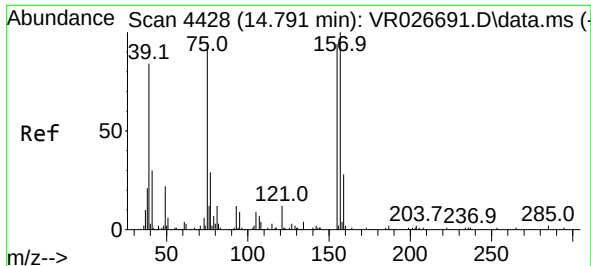


#90
1,2-Dichlorobenzene
Concen: 20.931 ug/l
RT: 14.082 min Scan# 4207
Delta R.T. -0.016 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



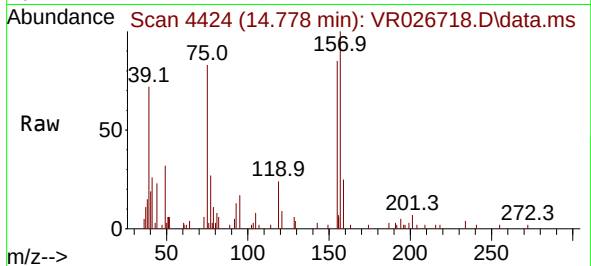
Tgt Ion:146 Resp: 176382
Ion Ratio Lower Upper
146 100
111 39.4 20.0 60.0
148 63.2 32.4 97.0





#91
1,2-Dibromo-3-Chloropropane
Concen: 18.002 ug/l
RT: 14.778 min Scan# 4424
Delta R.T. -0.013 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

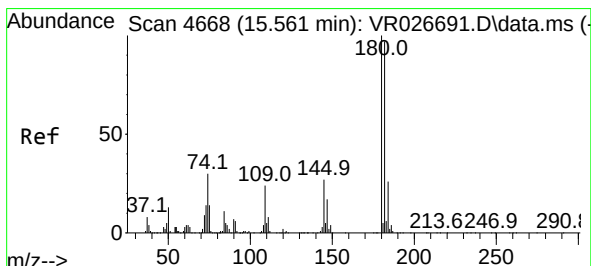
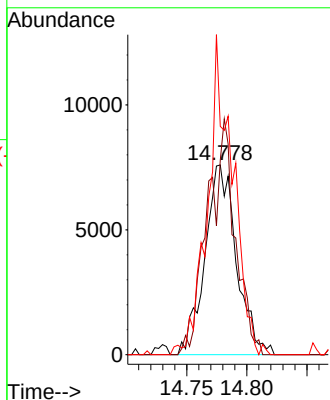
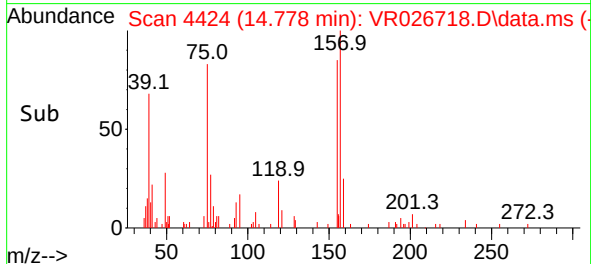
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



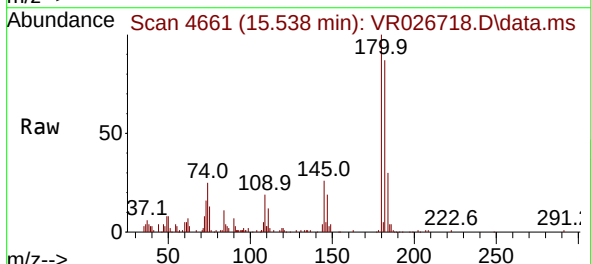
Tgt Ion: 75 Resp: 13909
Ion Ratio Lower Upper
75 100
155 109.2 48.0 144.2
157 132.1 59.5 178.4

Manual Integrations
APPROVED

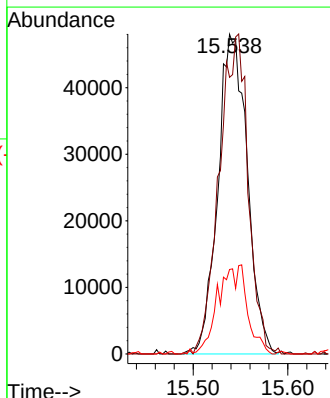
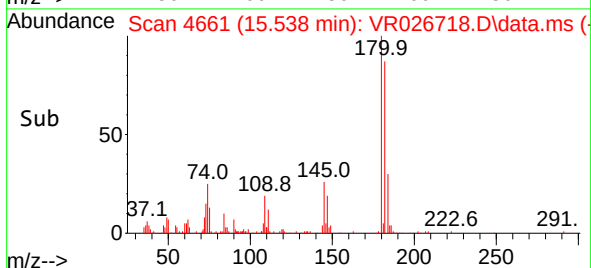
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

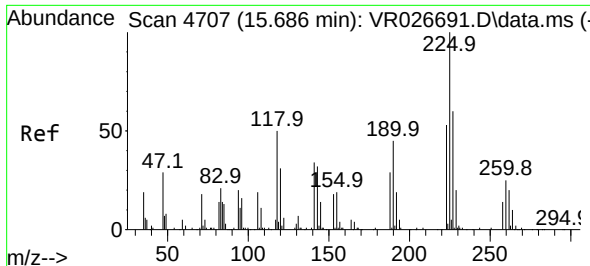


#92
1,2,4-Trichlorobenzene
Concen: 20.533 ug/l
RT: 15.538 min Scan# 4661
Delta R.T. -0.023 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43



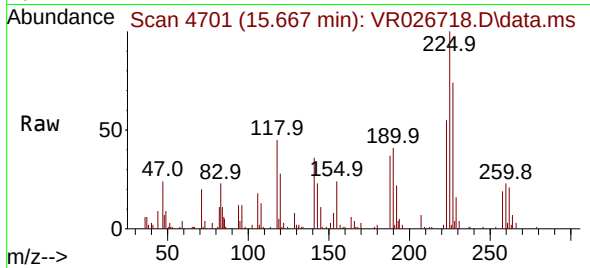
Tgt Ion:180 Resp: 103465
Ion Ratio Lower Upper
180 100
182 98.5 47.0 141.0
145 16.9 15.2 45.5





#93
Hexachlorobutadiene
Concen: 21.925 ug/l
RT: 15.667 min Scan# 4707
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

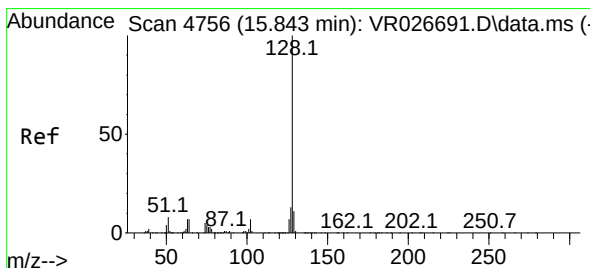
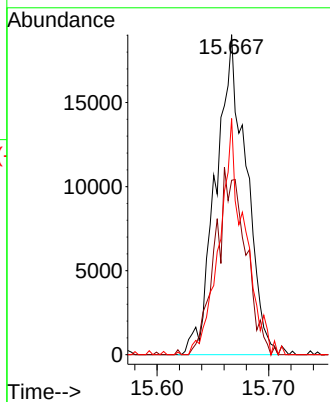
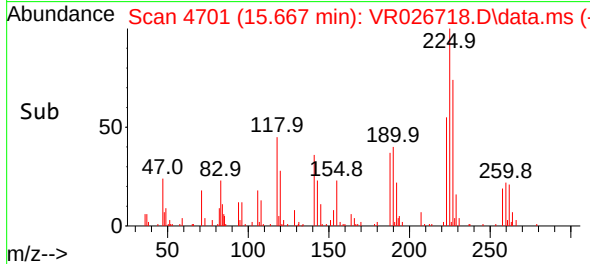
Instrument :
MSVOA_R
ClientSampleId :
VR0806WBSD01



Tgt Ion:225 Resp: 3589
Ion Ratio Lower Upper
225 100
223 58.6 31.4 94.2
227 61.1 31.6 95.0

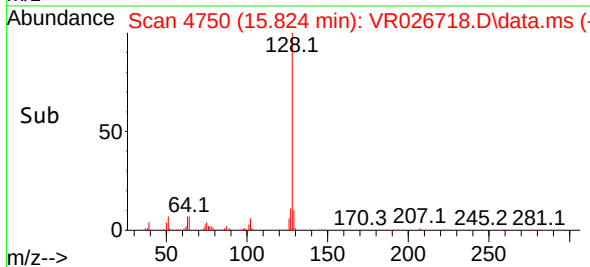
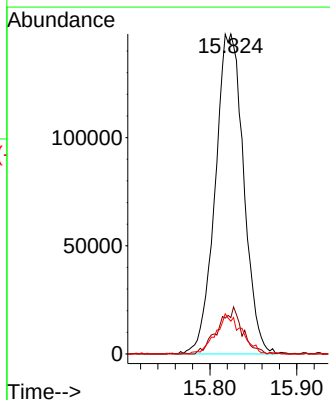
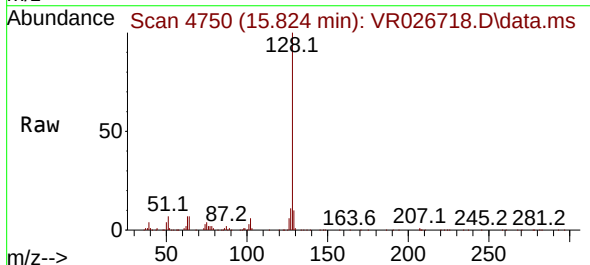
Manual Integrations
APPROVED

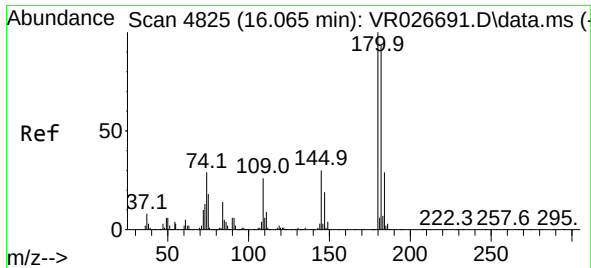
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#94
Naphthalene
Concen: 21.769 ug/l
RT: 15.824 min Scan# 4750
Delta R.T. -0.019 min
Lab File: VR026718.D
Acq: 6 Aug 2025 15:43

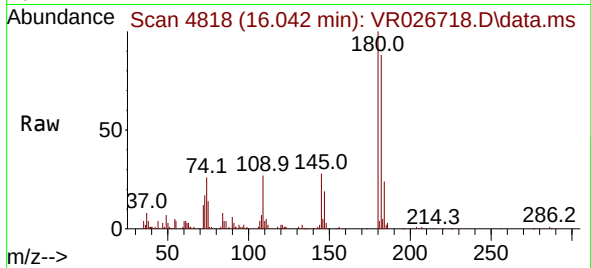
Tgt Ion:128 Resp: 336141
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 11.5 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 21.918 ug/l
 RT: 16.042 min Scan# 4818
 Delta R.T. -0.023 min
 Lab File: VR026718.D
 Acq: 6 Aug 2025 15:43

Instrument : MSVOA_R
 ClientSampleId : VR0806WBSD01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	31.0	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

