

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026714.D
 Acq On : 6 Aug 2025 13:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 01:09:50 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.288	168	434071	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.315	114	747596	50.000	ug/l	-0.02
62) Chlorobenzene-d5	11.524	117	612043	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.732	152	298832	50.000	ug/l	-0.02

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.677	65	259109	47.163	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.320%
34) Dibromofluoromethane	7.186	113	224453	48.541	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
49) Toluene-d8	10.026	98	891372	53.808	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.620%
61) 4-Bromofluorobenzene	12.663	95	257716	54.696	ug/l	-0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.657	85	148676	46.996	ug/l	99
3) Chloromethane	1.836	50	214258	45.562	ug/l	97
4) Vinyl Chloride	1.952	62	238730	49.678	ug/l	99
5) Bromomethane	2.295	94	127747	54.555	ug/l	100
6) Chloroethane	2.421	64	159103	51.421	ug/l	96
7) Trichlorofluoromethane	2.709	101	509606	58.836	ug/l	99
8) Diethyl Ether	3.069	74	171509	44.628	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.374	101	208871	44.702	ug/l	95
10) Methyl Iodide	3.540	142	200936	44.558	ug/l	100
11) Tert butyl alcohol	4.307	59	167371	194.716	ug/l	99
12) 1,1-Dichloroethene	3.354	96	201304	43.597	ug/l	95
13) Acrolein	3.232	56	276189	219.807	ug/l	100
14) Allyl chloride	3.874	41	380806	41.920	ug/l	96
15) Acrylonitrile	4.471	53	821553	240.778	ug/l	96
16) Acetone	3.431	43	623847	241.941	ug/l	97
17) Carbon Disulfide	3.630	76	261521	38.262	ug/l	98
18) Methyl Acetate	3.887	43	557361	51.790	ug/l	99
19) Methyl tert-butyl Ether	4.538	73	807003	43.672	ug/l	93
20) Methylene Chloride	4.073	84	265088	43.321	ug/l	97
21) trans-1,2-Dichloroethene	4.519	96	218946	43.134	ug/l	97
22) Diisopropyl ether	5.456	45	989081	46.464	ug/l	94
23) Vinyl Acetate	5.379	43	2980449	245.559	ug/l #	93
24) 1,1-Dichloroethane	5.321	63	467843	43.399	ug/l	98
25) 2-Butanone	6.361	43	1013399	253.921	ug/l	98
26) 2,2-Dichloropropane	6.342	77	305879	41.045	ug/l	98
27) cis-1,2-Dichloroethene	6.339	96	296811	45.450	ug/l	99
28) Bromochloromethane	6.733	49	170415	43.870	ug/l	96
29) Chloroform	6.939	83	453447	48.559	ug/l	91
30) Cyclohexane	7.263	56	367247	42.184	ug/l	95
31) 1,1,1-Trichloroethane	7.170	97	315792	46.815	ug/l	97
35) 1,1-Dichloropropene	7.417	75	284900	48.840	ug/l	96
36) Ethyl Acetate	6.467	43	345762	49.511	ug/l #	91
37) Carbon Tetrachloride	7.398	117	233990	49.253	ug/l	90
38) Methylcyclohexane	8.877	83	337470	50.540	ug/l	96
39) Benzene	7.696	78	1017753	48.449	ug/l	100
40) Methacrylonitrile	6.711	41	233385	53.776	ug/l #	90

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Instrument :
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 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 01:09:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	271625	50.836	ug/l	100
42) Isopropyl Acetate	7.856	43	553708	49.310	ug/l	98
43) Trichloroethene	8.594	130	207124	51.270	ug/l	86
44) 1,2-Dichloropropane	8.912	63	246468	49.580	ug/l	99
45) Dibromomethane	9.008	93	142804	51.653	ug/l	95
46) Bromodichloromethane	9.236	83	292688	54.640	ug/l	94
47) Methyl methacrylate	9.018	41	263798	53.676	ug/l	98
48) 1,4-Dioxane	9.015	88	86042	1086.860	ug/l	98
50) 4-Methyl-2-Pentanone	9.910	43	1725048	294.257	ug/l	97
51) Toluene	10.096	92	586084	54.653	ug/l	99
52) t-1,3-Dichloropropene	10.359	75	268878	51.212	ug/l	95
53) cis-1,3-Dichloropropene	9.734	75	330790	52.527	ug/l	94
54) 1,1,2-Trichloroethane	10.558	97	220695	56.353	ug/l #	90
55) Ethyl methacrylate	10.420	69	369912	57.196	ug/l	100
56) 1,3-Dichloropropane	10.725	76	373505	55.992	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.580	63	101410	283.737	ug/l	97
58) 2-Hexanone	10.786	43	1186349	300.183	ug/l	99
59) Dibromochloromethane	10.947	129	191582	57.803	ug/l	99
60) 1,2-Dibromoethane	11.062	107	191278	56.749	ug/l	99
63) Tetrachloroethene	10.639	164	169109	50.578	ug/l	94
64) Chlorobenzene	11.556	112	639159	50.179	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.646	131	180700	51.939	ug/l	98
66) Ethyl Benzene	11.649	91	1081546	50.852	ug/l	97
67) m/p-Xylenes	11.778	106	873275	102.773	ug/l	100
68) o-Xylene	12.147	106	427663	51.848	ug/l	97
69) Styrene	12.163	104	720031	52.238	ug/l	98
70) Bromoform	12.346	173	109686	55.707	ug/l #	100
72) Isopropylbenzene	12.490	105	1022541	48.008	ug/l	98
73) N-amyl acetate	12.288	43	419330	49.654	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.779	83	310445	49.678	ug/l	99
75) 1,2,3-Trichloropropane	12.833	75	249743m	50.418	ug/l	
76) Bromobenzene	12.805	156	239638	48.617	ug/l	96
77) n-propylbenzene	12.878	91	1276830	50.246	ug/l	100
78) 2-Chlorotoluene	12.975	91	690366	47.884	ug/l	98
79) 1,3,5-Trimethylbenzene	13.039	105	818481	49.141	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.545	75	76221	44.817	ug/l	91
81) 4-Chlorotoluene	13.084	91	705407	47.895	ug/l	98
82) tert-Butylbenzene	13.337	119	751965	49.636	ug/l	98
83) 1,2,4-Trimethylbenzene	13.385	105	837821	50.817	ug/l	98
84) sec-Butylbenzene	13.539	105	1155731	51.441	ug/l	99
85) p-Isopropyltoluene	13.671	119	964419	52.647	ug/l	99
86) 1,3-Dichlorobenzene	13.661	146	494732	51.196	ug/l	99
87) 1,4-Dichlorobenzene	13.754	146	497873	51.331	ug/l	97
88) n-Butylbenzene	14.037	91	880564	52.154	ug/l	99
89) Hexachloroethane	14.338	117	126913	48.246	ug/l	89
90) 1,2-Dichlorobenzene	14.085	146	475076	52.344	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.775	75	42643	51.244	ug/l	98
92) 1,2,4-Trichlorobenzene	15.542	180	299168	55.125	ug/l	98
93) Hexachlorobutadiene	15.664	225	95565	54.196	ug/l	99
94) Naphthalene	15.821	128	952148	57.251	ug/l	99
95) 1,2,3-Trichlorobenzene	16.042	180	296067	57.463	ug/l	92

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MSVOA_R
ClientSampleId :
VSTDCCC050

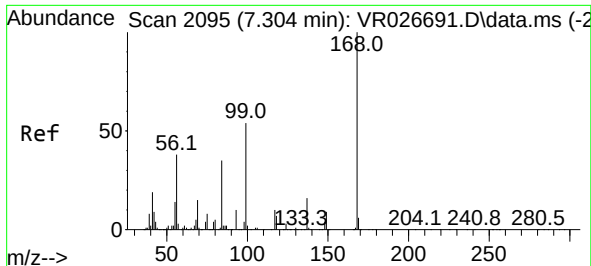
Manual Integrations
APPROVED

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

Quant Time: Aug 07 01:09:50 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)

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



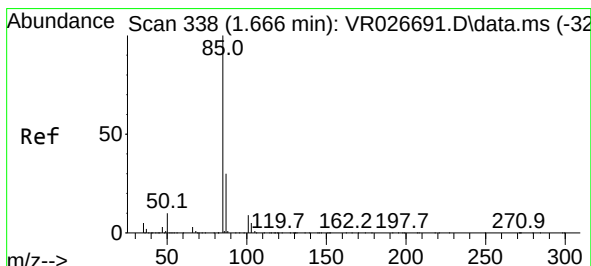
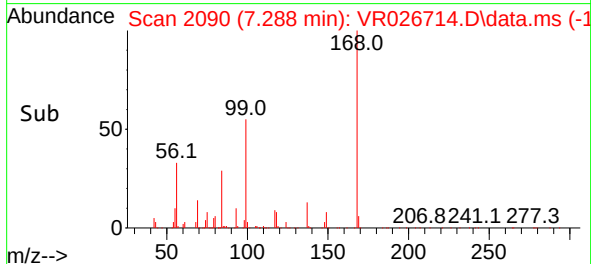
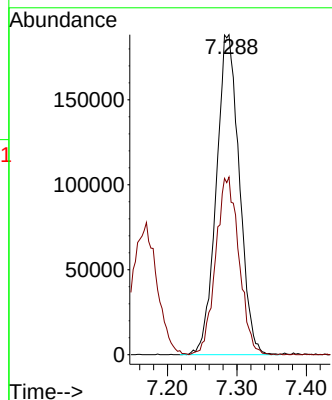
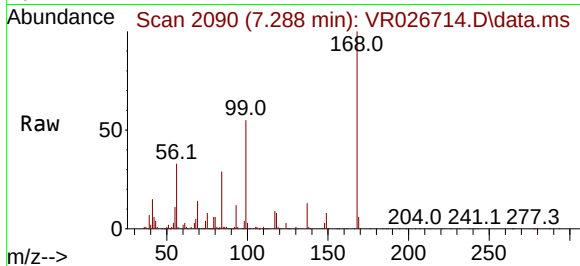
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.288 min Scan# 2095
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 43407
Ion Ratio Lower Upper
168 100
99 55.2 43.8 65.8

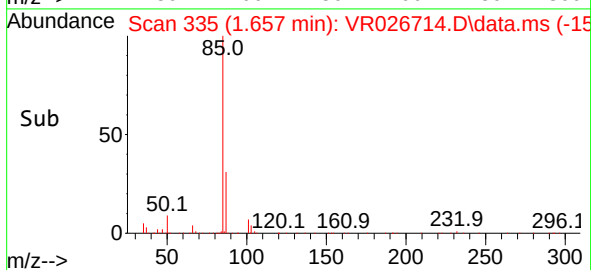
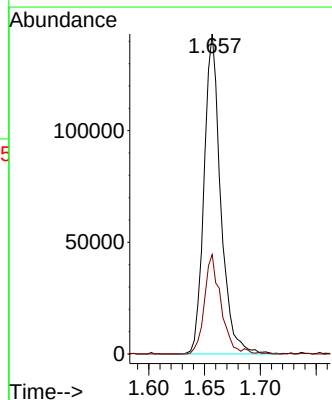
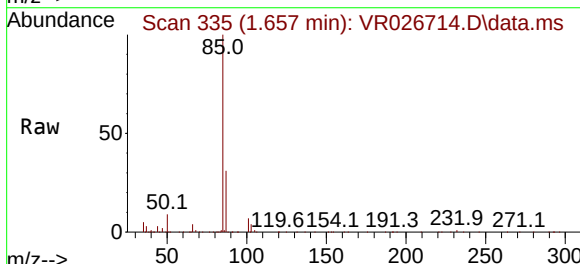
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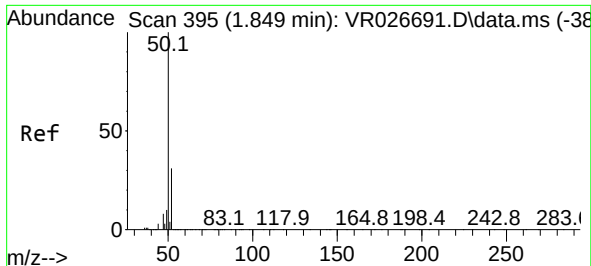
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#2
Dichlorodifluoromethane
Concen: 46.996 ug/l
RT: 1.657 min Scan# 335
Delta R.T. -0.010 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

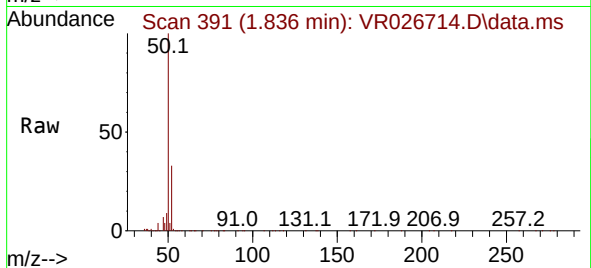
Tgt Ion: 85 Resp: 148676
Ion Ratio Lower Upper
85 100
87 31.0 15.2 45.5





#3
Chloromethane
Concen: 45.562 ug/l
RT: 1.836 min Scan# 391
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

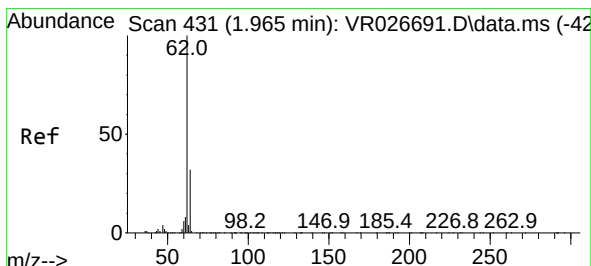
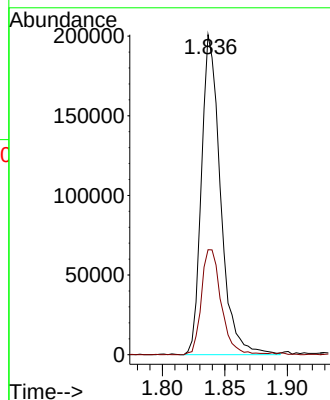
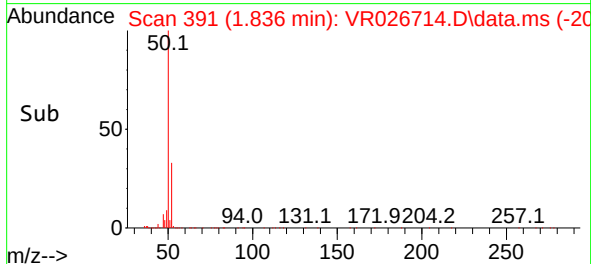
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 214258
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

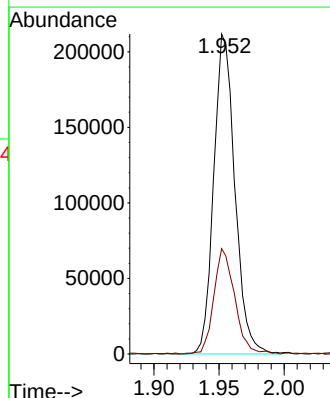
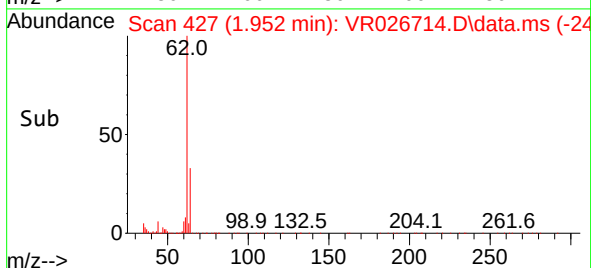
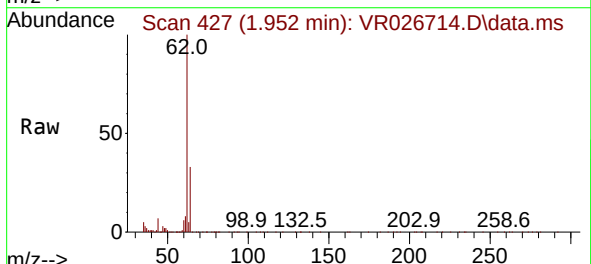
Manual Integrations
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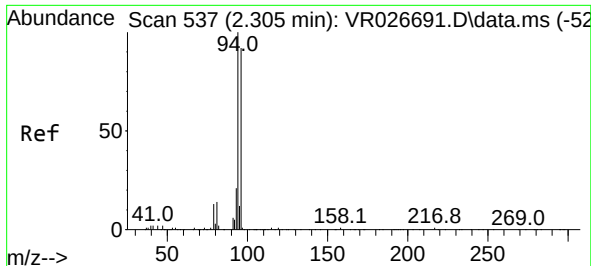
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#4
Vinyl Chloride
Concen: 49.678 ug/l
RT: 1.952 min Scan# 427
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

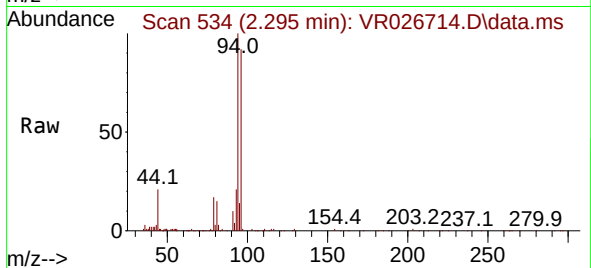
Tgt Ion: 62 Resp: 238730
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9





#5
Bromomethane
Concen: 54.555 ug/l
RT: 2.295 min Scan# 51
Delta R.T. -0.010 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

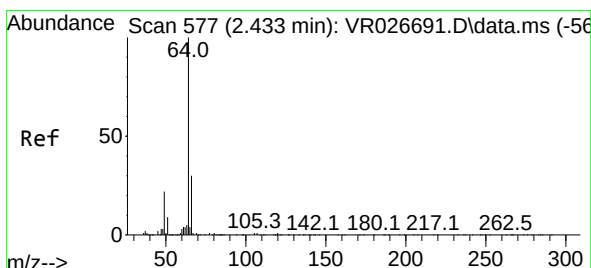
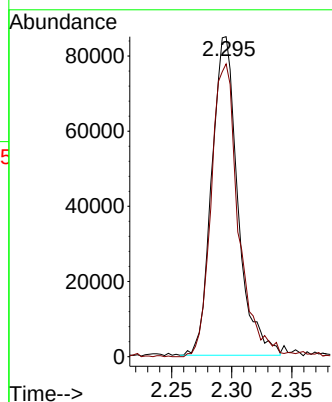
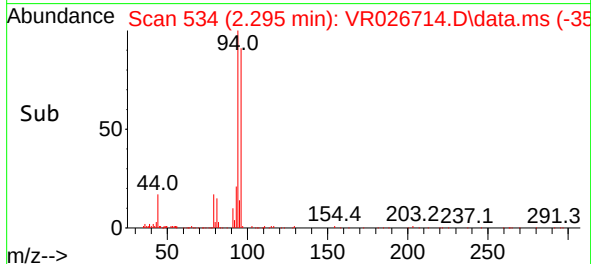
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



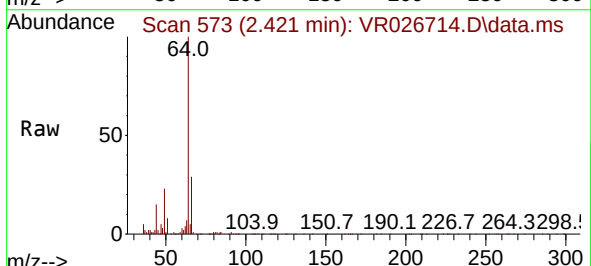
Tgt Ion: 94 Resp: 12774
Ion Ratio Lower Upper
94 100
96 92.0 73.3 109.9

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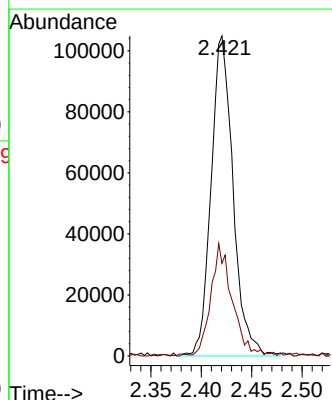
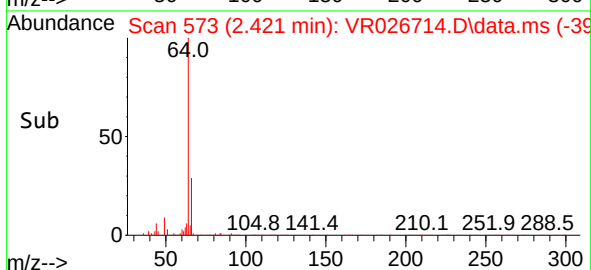
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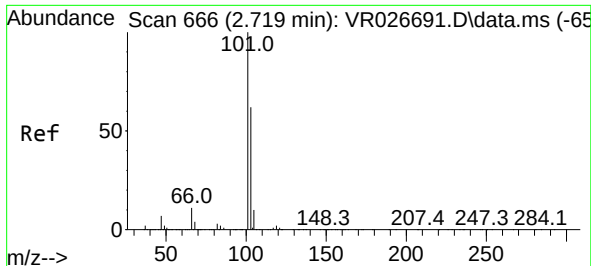


#6
Chloroethane
Concen: 51.421 ug/l
RT: 2.421 min Scan# 573
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion: 64 Resp: 159103
Ion Ratio Lower Upper
64 100
66 28.4 24.3 36.5





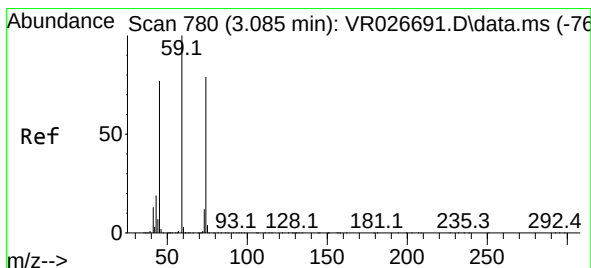
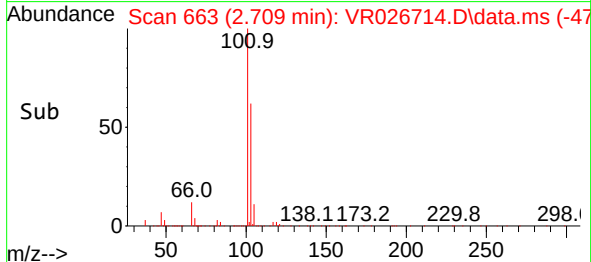
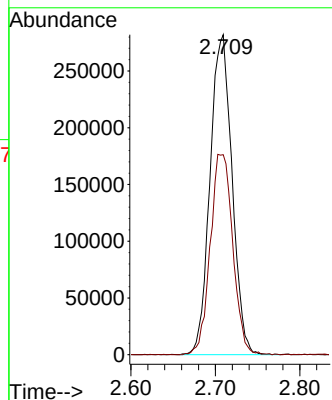
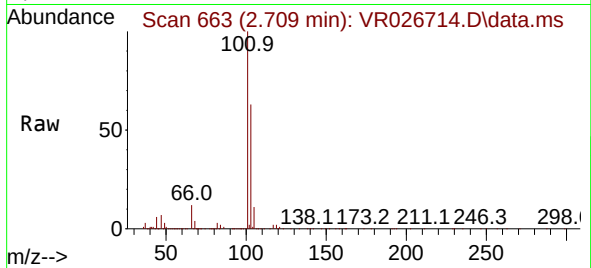
#7
Trichlorofluoromethane
Concen: 58.836 ug/l
RT: 2.709 min Scan# 609
Delta R.T. -0.010 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 509600
Ion Ratio Lower Upper
101 100
103 62.5 49.4 74.2

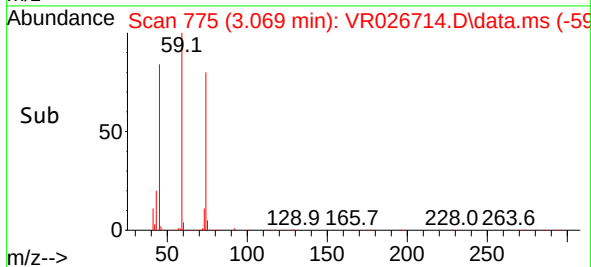
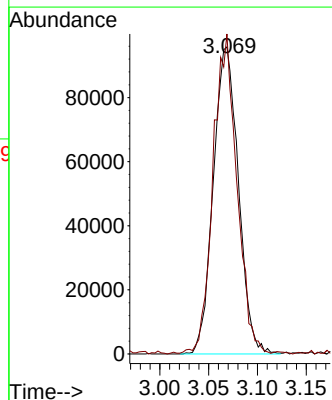
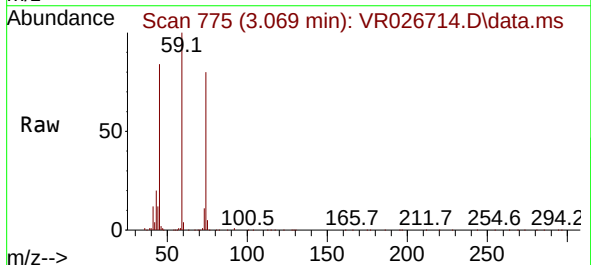
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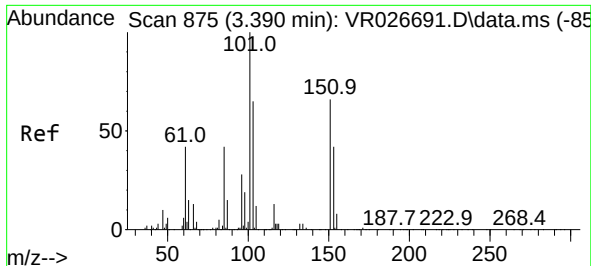
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#8
Diethyl Ether
Concen: 44.628 ug/l
RT: 3.069 min Scan# 775
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 74 Resp: 171509
Ion Ratio Lower Upper
74 100
45 98.0 47.1 141.3





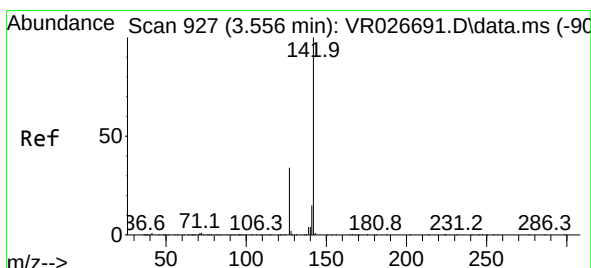
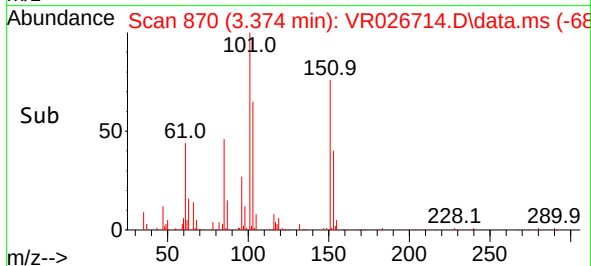
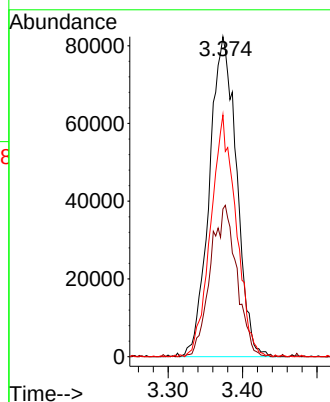
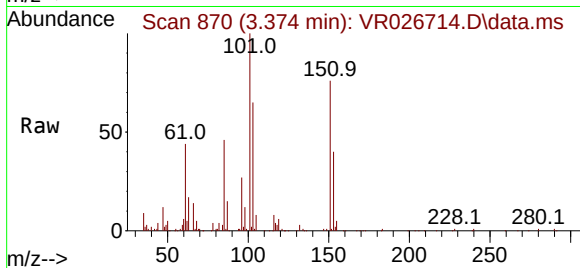
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.702 ug/l
RT: 3.374 min Scan# 875
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20887
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 70.9 53.4 80.0

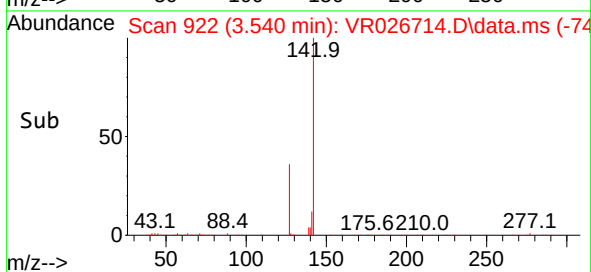
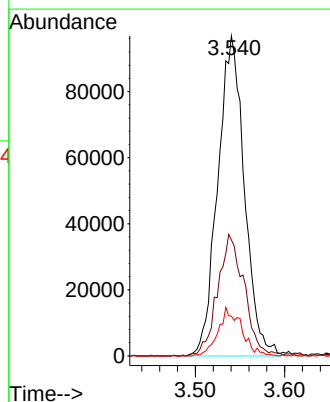
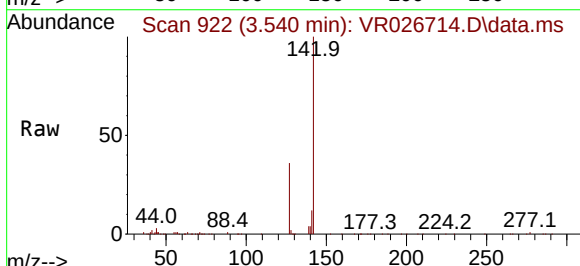
Manual Integrations
APPROVED

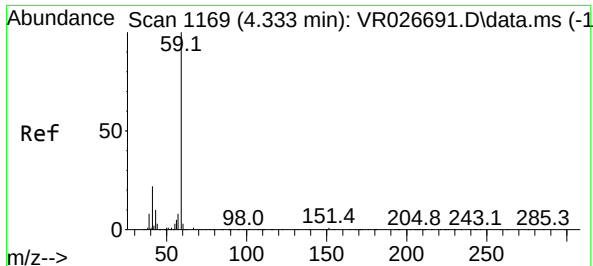
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#10
Methyl Iodide
Concen: 44.558 ug/l
RT: 3.540 min Scan# 922
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion:142 Resp: 200936
Ion Ratio Lower Upper
142 100
127 37.9 30.1 45.1
141 13.3 10.8 16.2





#11

Tert butyl alcohol

Concen: 194.716 ug/l

RT: 4.307 min Scan# 1161

Delta R.T. -0.026 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 16737

Ion Ratio Lower Upper

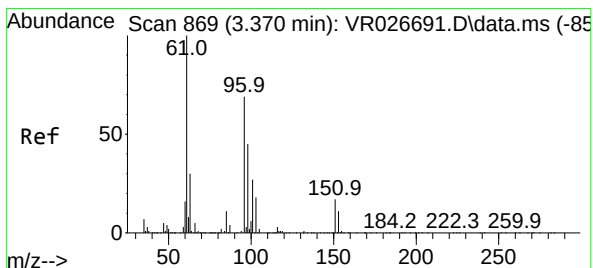
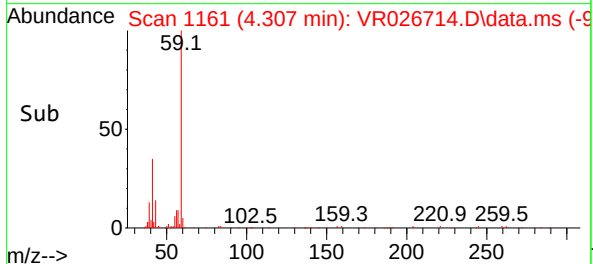
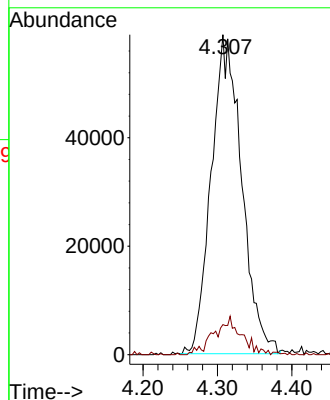
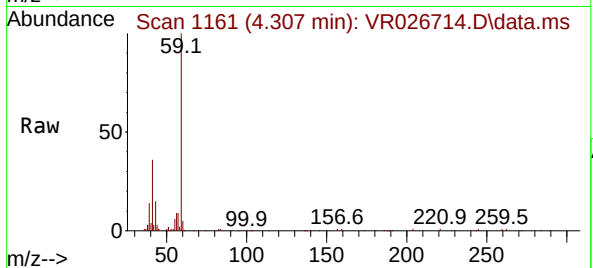
59 100

57 10.0 7.7 11.5

Manual Integrations

APPROVED

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



#12

1,1-Dichloroethene

Concen: 43.597 ug/l

RT: 3.354 min Scan# 864

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

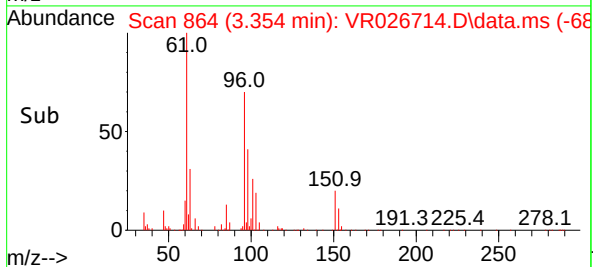
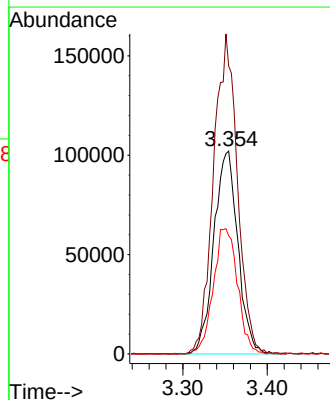
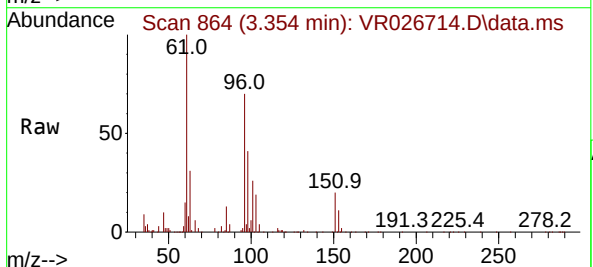
Tgt Ion: 96 Resp: 201304

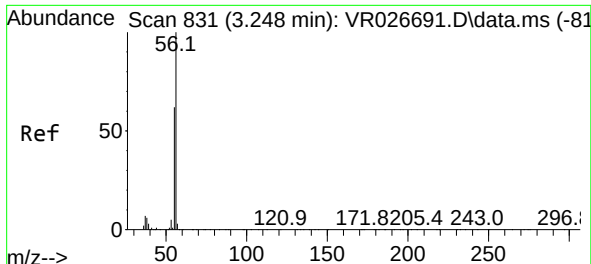
Ion Ratio Lower Upper

96 100

61 141.9 116.2 174.4

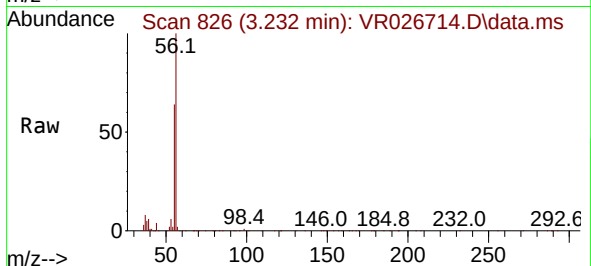
98 58.3 52.3 78.5





#13
Acrolein
Concen: 219.807 ug/l
RT: 3.232 min Scan# 81
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

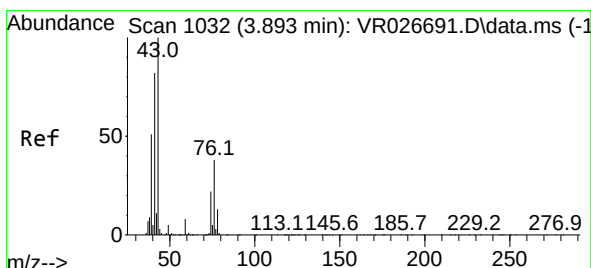
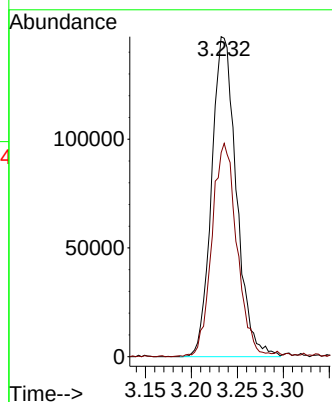
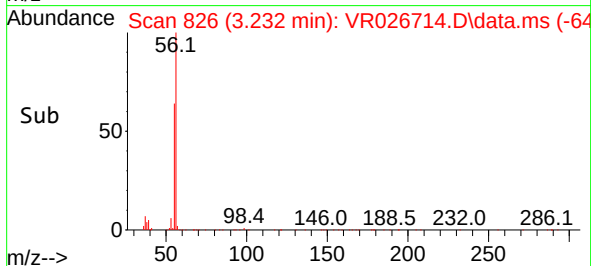
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



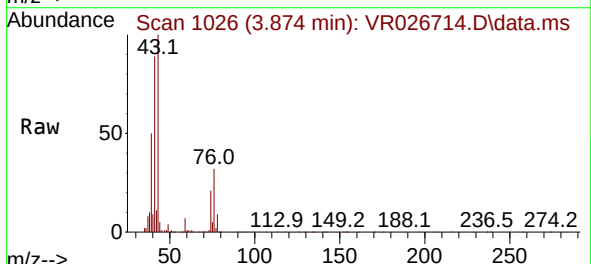
Tgt Ion: 56 Resp: 276189
Ion Ratio Lower Upper
56 100
55 67.2 53.8 80.8

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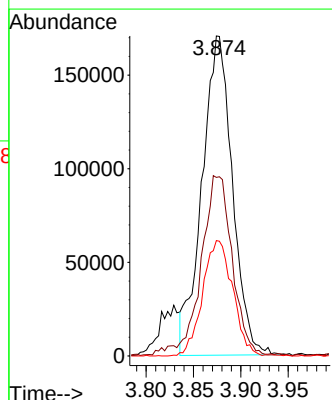
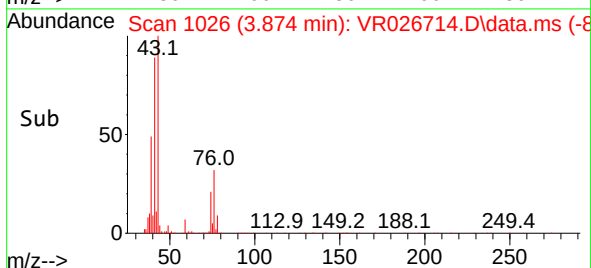
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

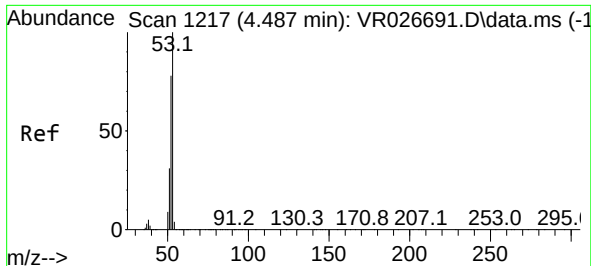


#14
Allyl chloride
Concen: 41.920 ug/l
RT: 3.874 min Scan# 1026
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



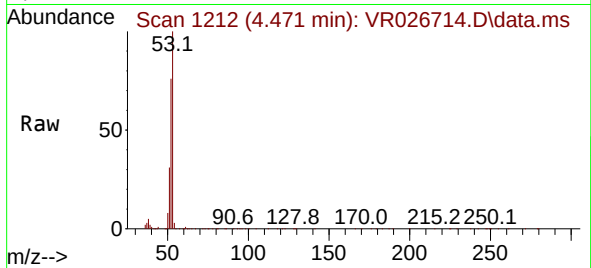
Tgt Ion: 41 Resp: 380806
Ion Ratio Lower Upper
41 100
39 57.8 44.2 66.2
76 35.8 31.0 46.4





#15
Acrylonitrile
Concen: 240.778 ug/l
RT: 4.471 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

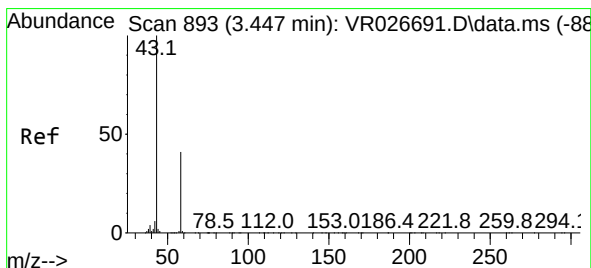
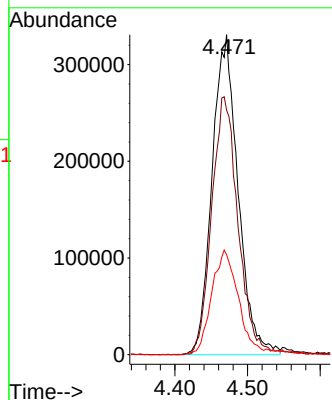
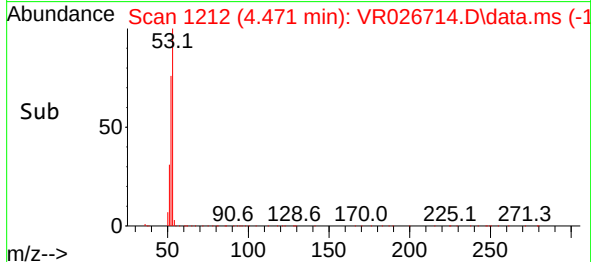
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



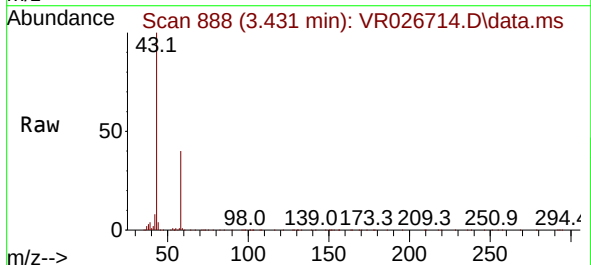
Tgt Ion: 53 Resp: 82155
Ion Ratio Lower Upper
53 100
52 81.3 61.4 92.2
51 33.3 25.8 38.6

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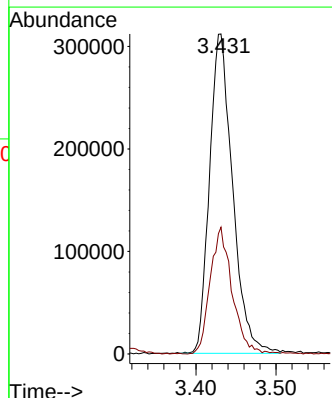
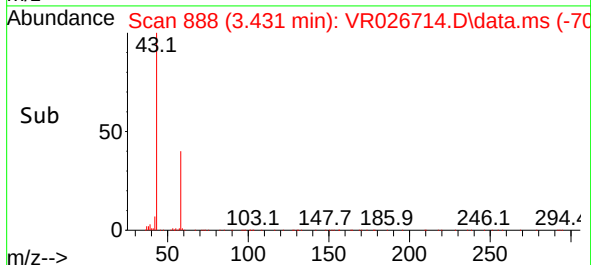
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

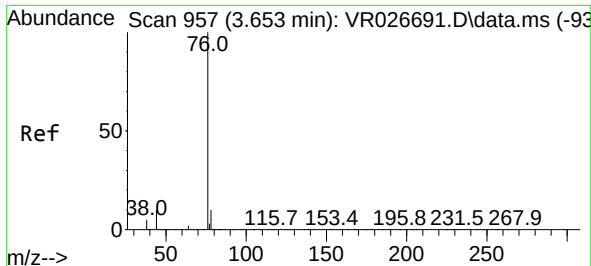


#16
Acetone
Concen: 241.941 ug/l
RT: 3.431 min Scan# 888
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion: 43 Resp: 623847
Ion Ratio Lower Upper
43 100
58 39.5 32.9 49.3





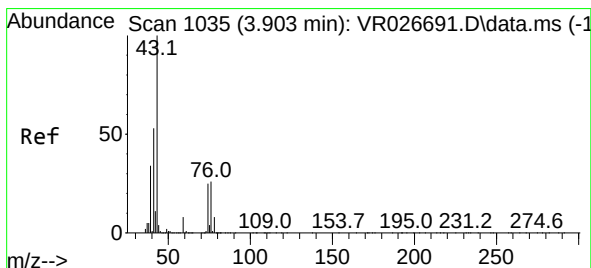
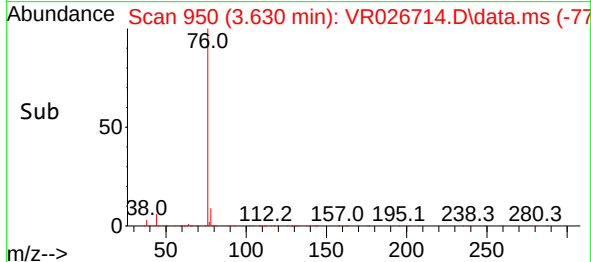
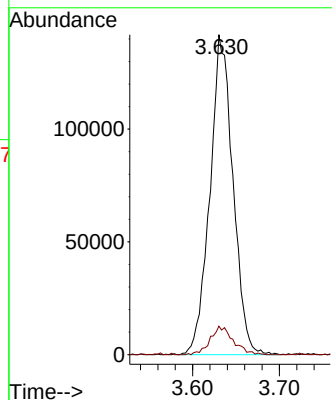
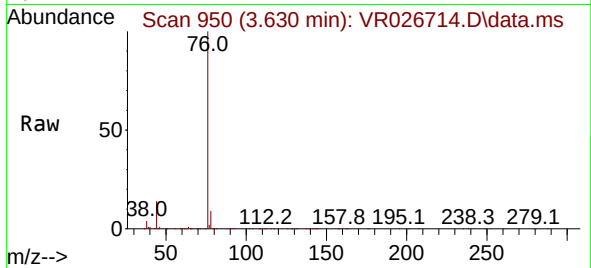
#17
Carbon Disulfide
Concen: 38.262 ug/l
RT: 3.630 min Scan# 91
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 26152
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

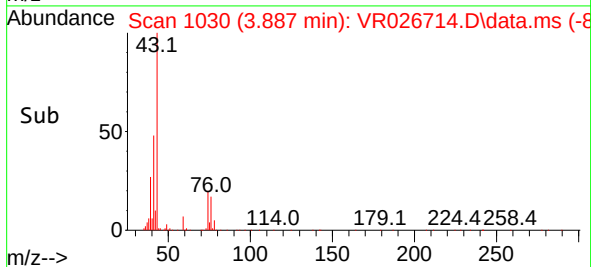
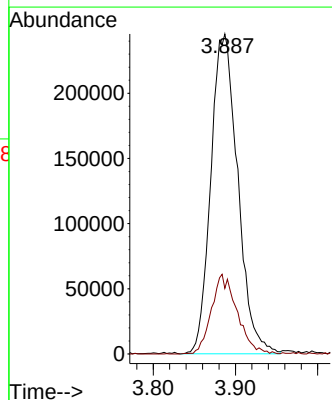
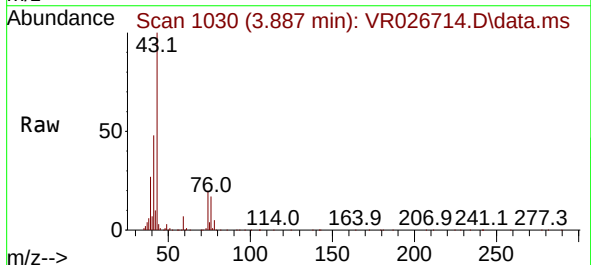
Manual Integrations
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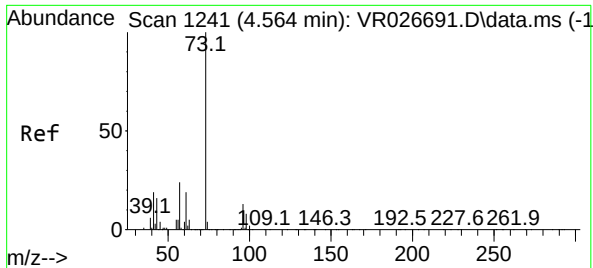
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#18
Methyl Acetate
Concen: 51.790 ug/l
RT: 3.887 min Scan# 1030
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

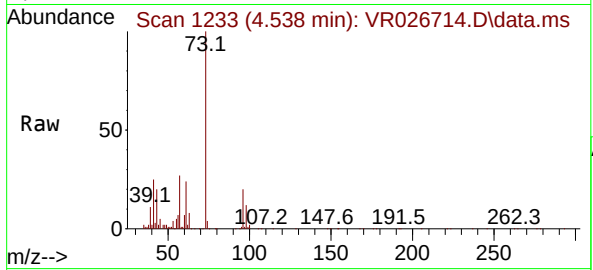
Tgt Ion: 43 Resp: 557361
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 43.672 ug/l
RT: 4.538 min Scan# 11
Delta R.T. -0.026 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

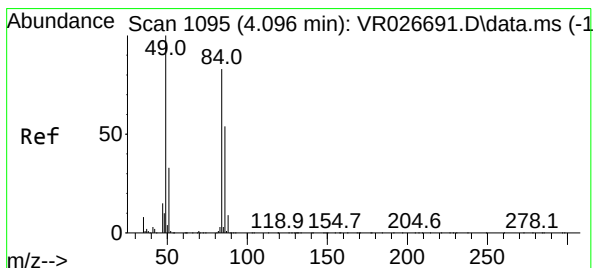
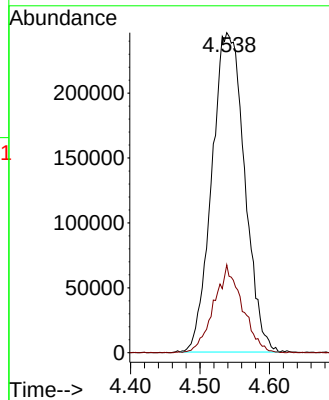
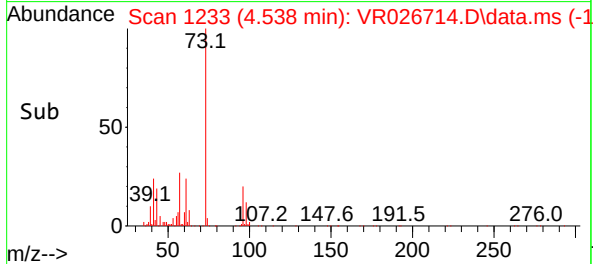
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 80700
Ion Ratio Lower Upper
73 100
57 27.5 19.4 29.0

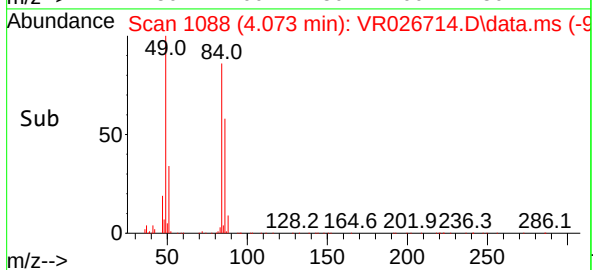
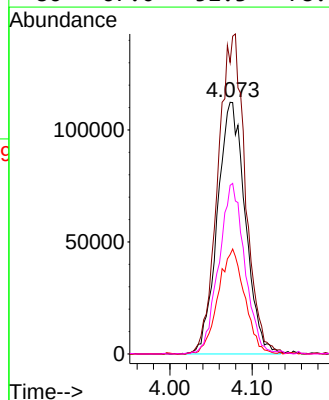
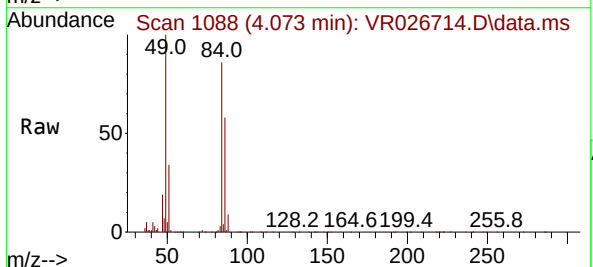
Manual Integrations
APPROVED

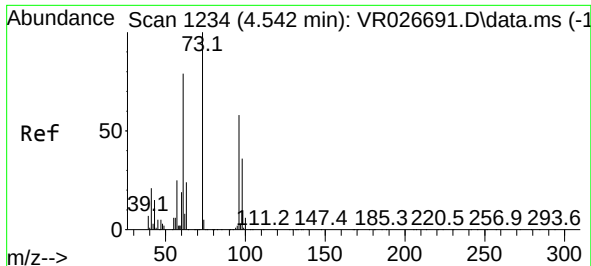
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#20
Methylene Chloride
Concen: 43.321 ug/l
RT: 4.073 min Scan# 1088
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

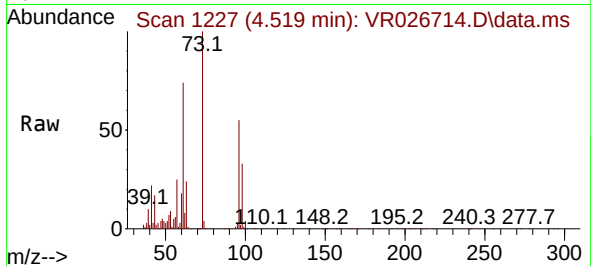
Tgt Ion: 84 Resp: 265088
Ion Ratio Lower Upper
84 100
49 115.8 96.2 144.4
51 39.5 31.8 47.6
86 67.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 43.134 ug/l
RT: 4.519 min Scan# 1119
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

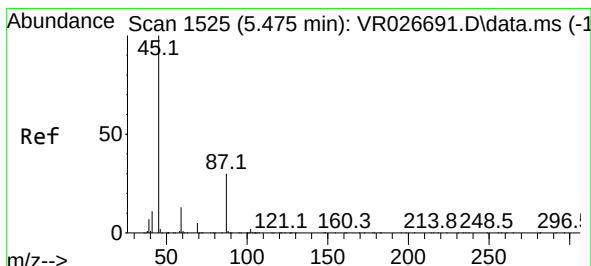
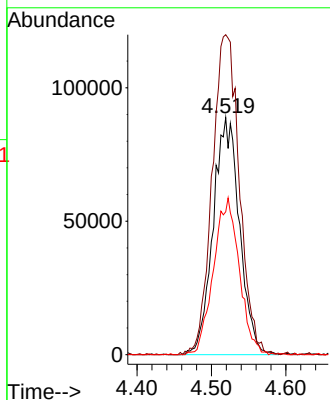
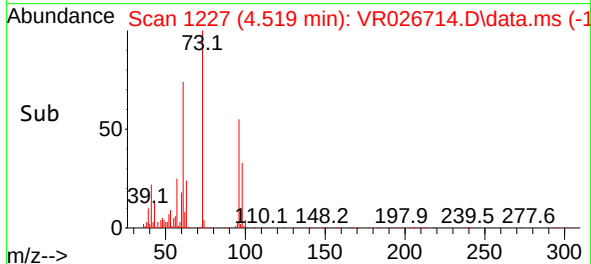
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



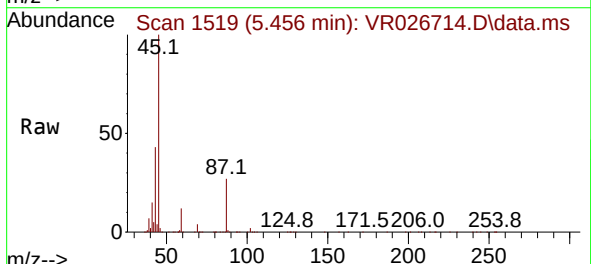
Tgt Ion: 96 Resp: 218940
Ion Ratio Lower Upper
96 100
61 134.6 110.3 165.5
98 60.2 50.2 75.4

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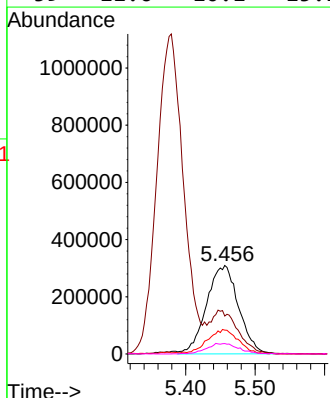
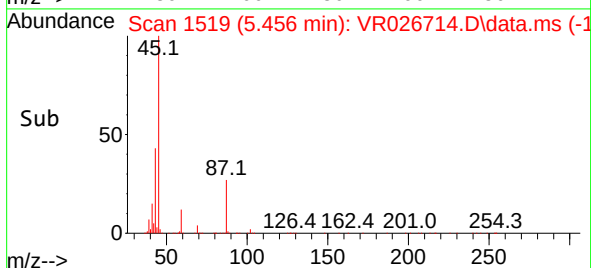
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

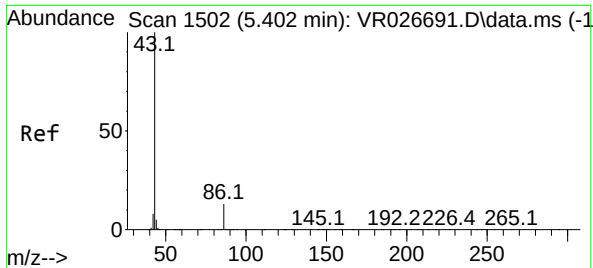


#22
Diisopropyl ether
Concen: 46.464 ug/l
RT: 5.456 min Scan# 1519
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion: 45 Resp: 989081
Ion Ratio Lower Upper
45 100
43 42.2 38.2 57.2
87 27.0 24.0 36.0
59 11.6 10.1 15.1





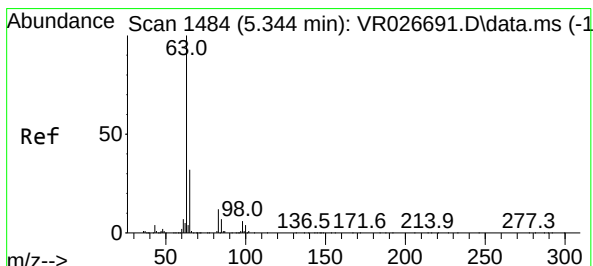
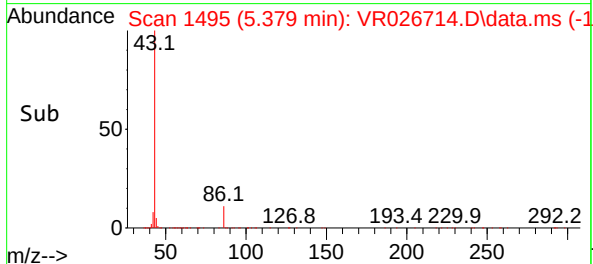
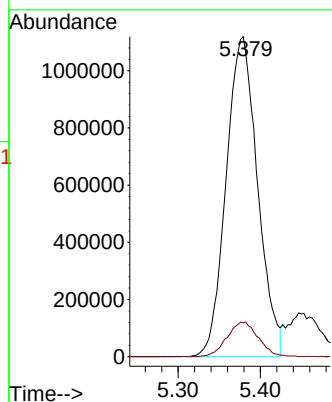
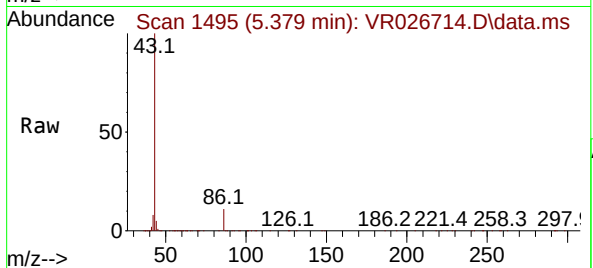
#23
 Vinyl Acetate
 Concen: 245.559 ug/l
 RT: 5.379 min Scan# 1495
 Delta R.T. -0.022 min
 Lab File: VR026714.D
 Acq: 6 Aug 2025 13:29

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2980449
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.7 16.1

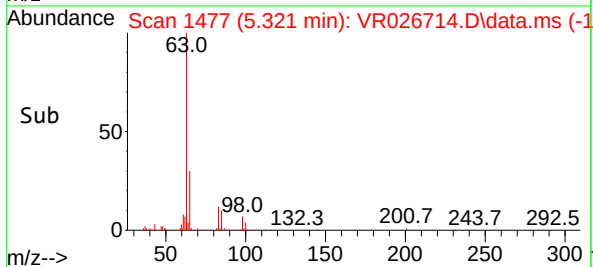
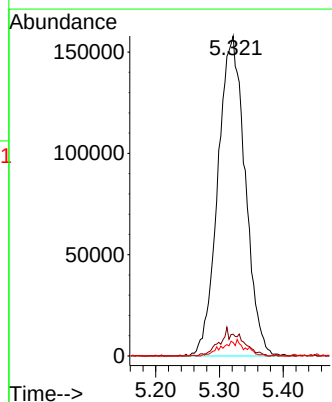
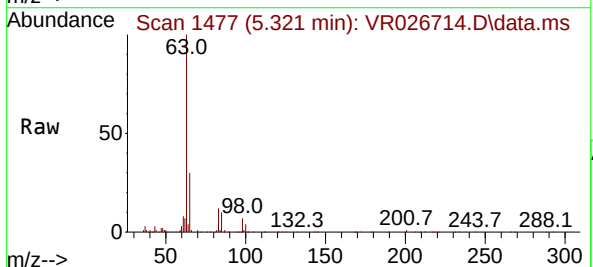
Manual Integrations
 APPROVED

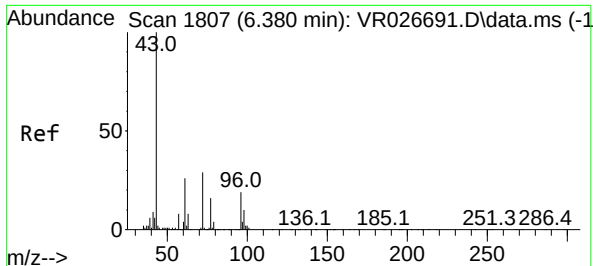
Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025



#24
 1,1-Dichloroethane
 Concen: 43.399 ug/l
 RT: 5.321 min Scan# 1477
 Delta R.T. -0.022 min
 Lab File: VR026714.D
 Acq: 6 Aug 2025 13:29

Tgt Ion: 63 Resp: 467843
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.2 1.8 5.4





#25

2-Butanone

Concen: 253.921 ug/l

RT: 6.361 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 101339

Ion Ratio Lower Upper

43 100

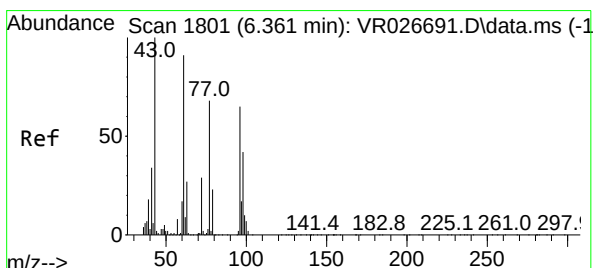
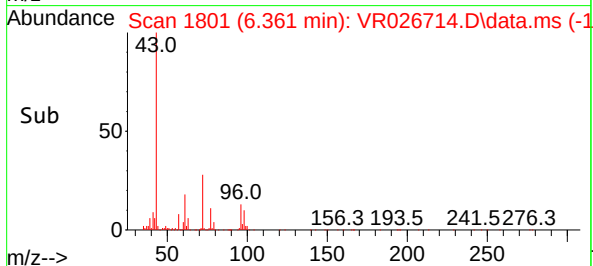
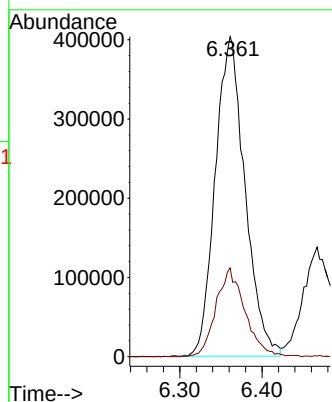
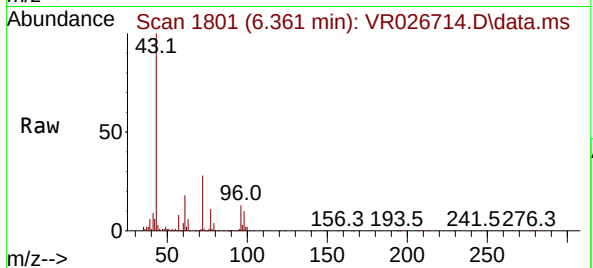
72 27.8 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#26

2,2-Dichloropropane

Concen: 41.045 ug/l

RT: 6.342 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026714.D

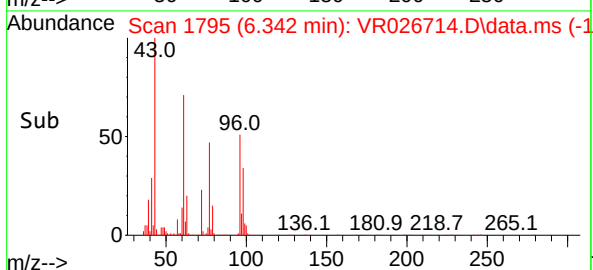
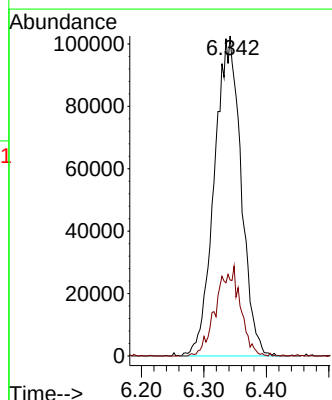
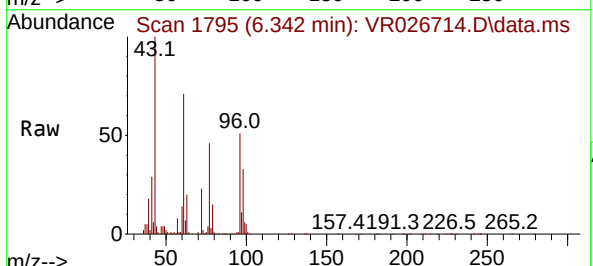
Acq: 6 Aug 2025 13:29

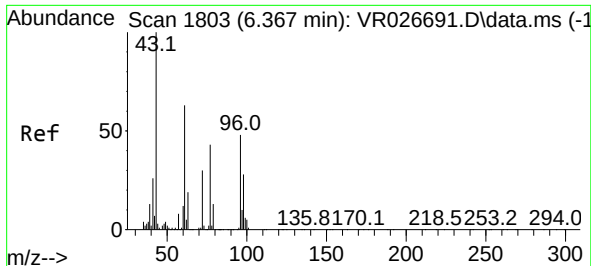
Tgt Ion: 77 Resp: 305879

Ion Ratio Lower Upper

77 100

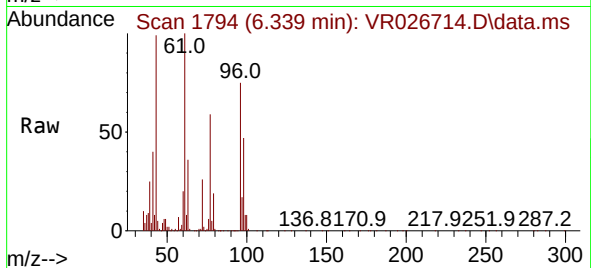
97 25.4 12.3 36.8





#27
cis-1,2-Dichloroethene
Concen: 45.450 ug/l
RT: 6.339 min Scan# 11
Delta R.T. -0.029 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

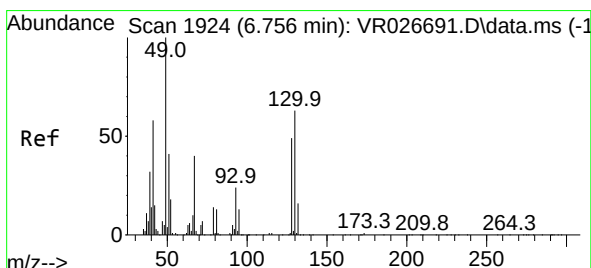
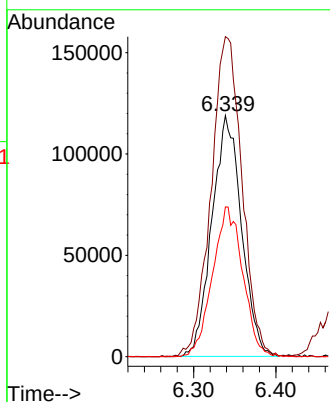
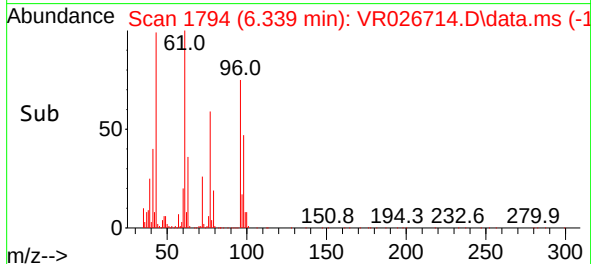
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 29681
Ion Ratio Lower Upper
96 100
61 139.2 0.0 279.8
98 63.6 0.0 125.2

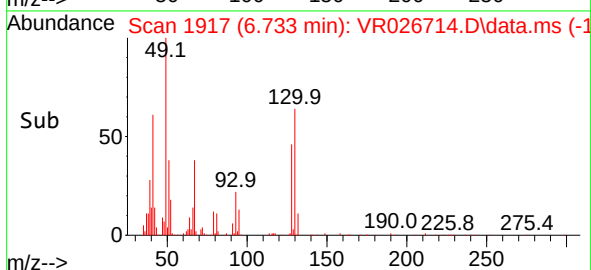
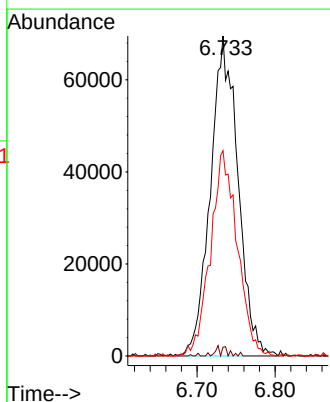
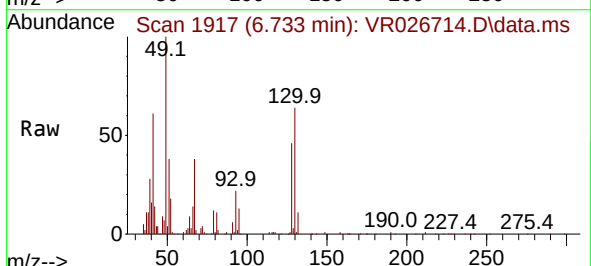
Manual Integrations
APPROVED

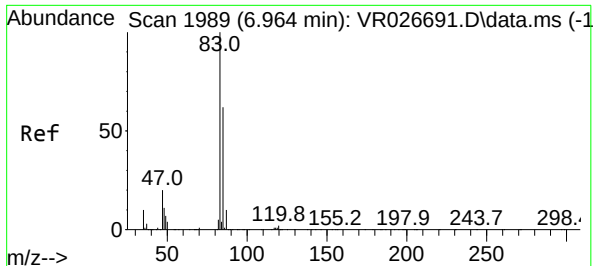
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#28
Bromochloromethane
Concen: 43.870 ug/l
RT: 6.733 min Scan# 1917
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 49 Resp: 170415
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.4
130 62.4 52.2 78.4





#29

Chloroform

Concen: 48.559 ug/l

RT: 6.939 min Scan# 1989

Delta R.T. -0.026 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 45344

Ion Ratio Lower Upper

83 100

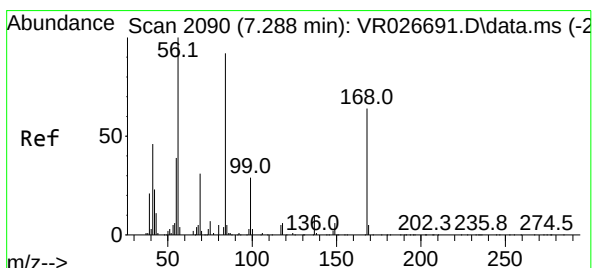
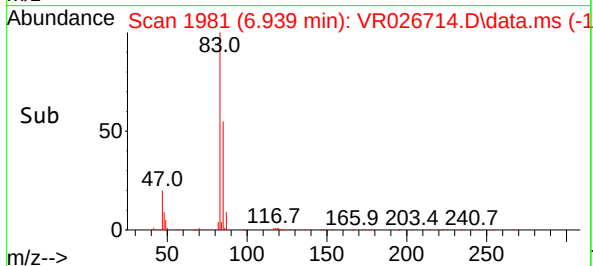
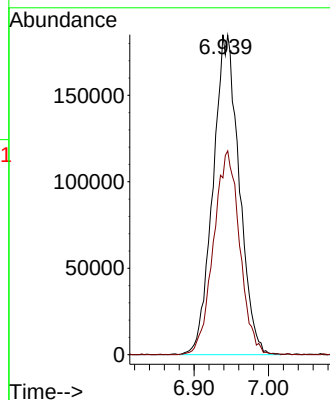
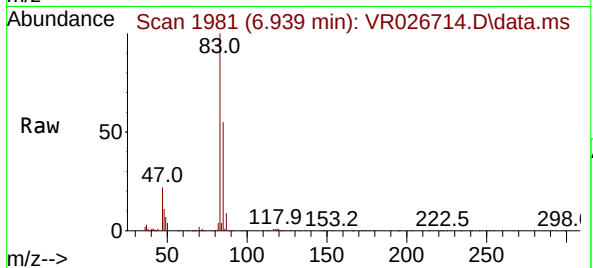
85 55.1 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#30

Cyclohexane

Concen: 42.184 ug/l

RT: 7.263 min Scan# 2082

Delta R.T. -0.026 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

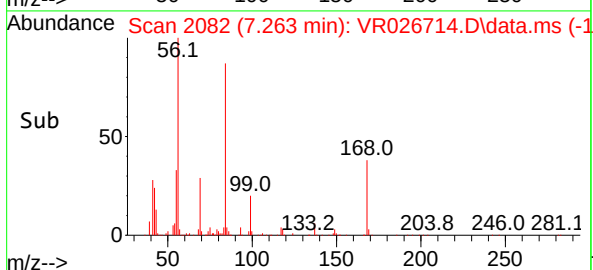
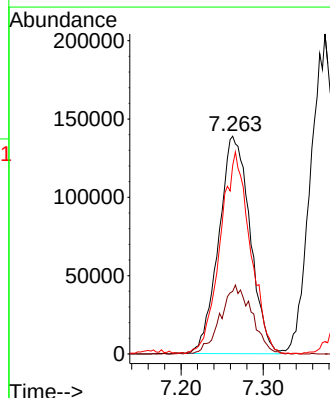
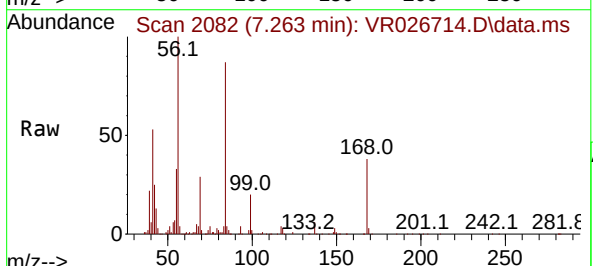
Tgt Ion: 56 Resp: 367247

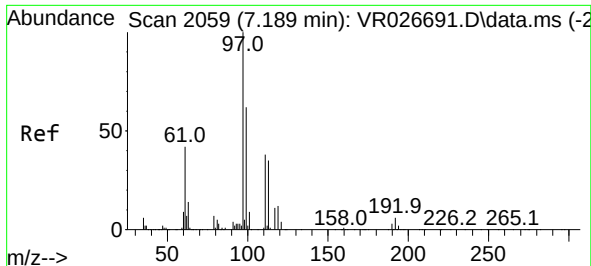
Ion Ratio Lower Upper

56 100

69 28.4 24.8 37.2

84 86.4 73.1 109.7





#31

1,1,1-Trichloroethane

Concen: 46.815 ug/l

RT: 7.170 min Scan# 2053

Delta R.T. -0.019 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 315792

Ion Ratio Lower Upper

97 100

99 62.2 51.0 76.6

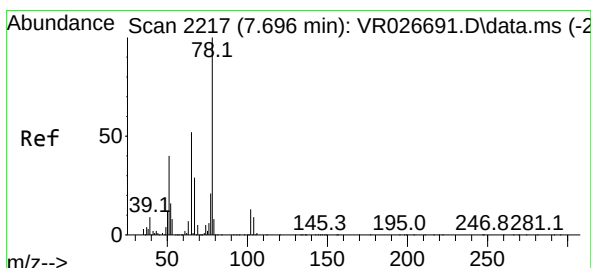
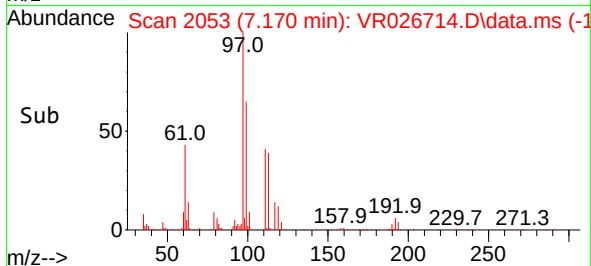
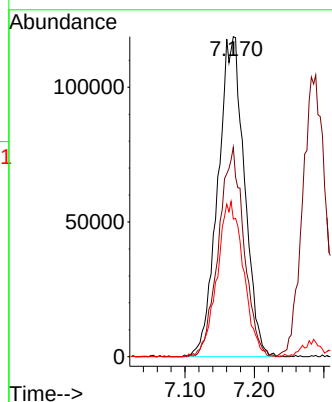
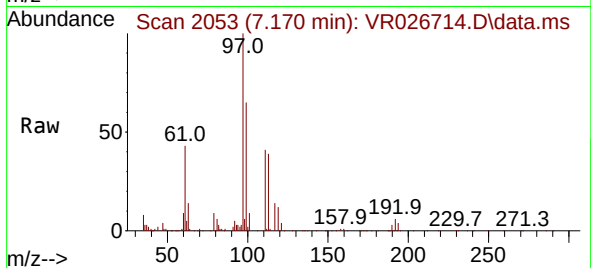
61 48.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#32

1,2-Dichloroethane-d4

Concen: 47.163 ug/l

RT: 7.677 min Scan# 2211

Delta R.T. -0.019 min

Lab File: VR026714.D

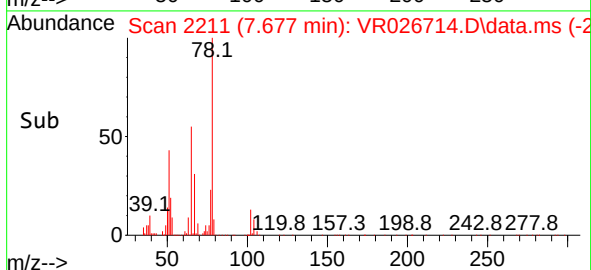
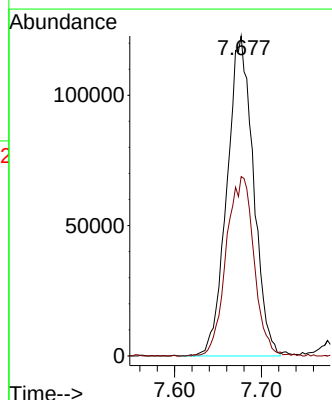
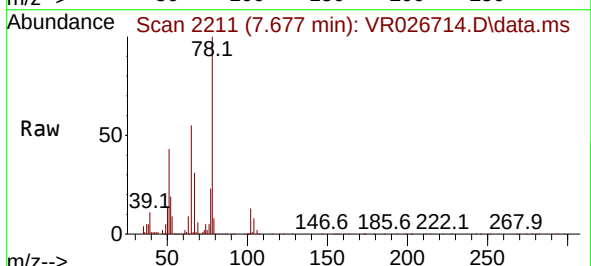
Acq: 6 Aug 2025 13:29

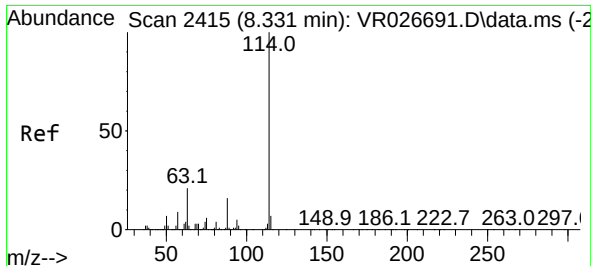
Tgt Ion: 65 Resp: 259109

Ion Ratio Lower Upper

65 100

67 58.9 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: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

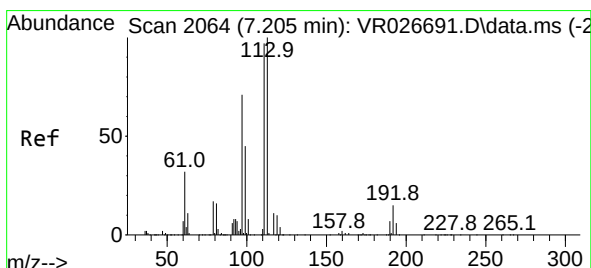
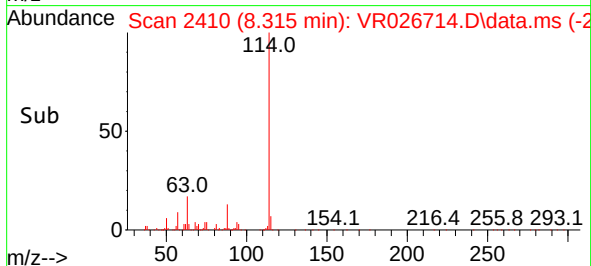
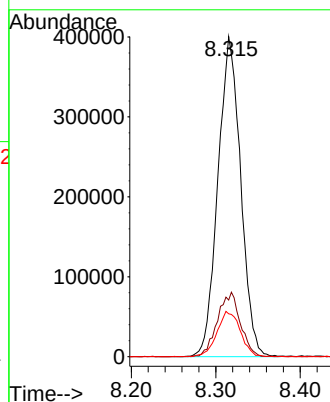
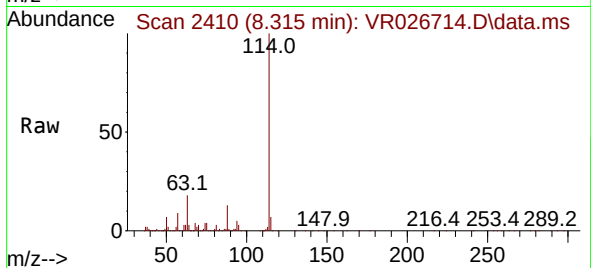
VSTDCCC050

Tgt Ion:	114	Resp:	747590
Ion Ratio	Lower	Upper	
114	100		
63	17.7	0.0	41.6
88	13.3	0.0	32.6

Manual Integrations

APPROVED

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



#34

Dibromofluoromethane

Concen: 48.541 ug/l

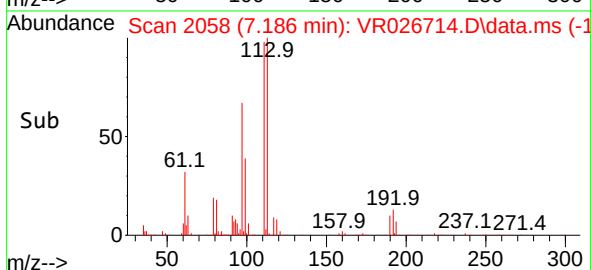
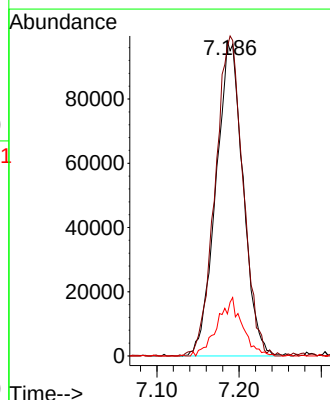
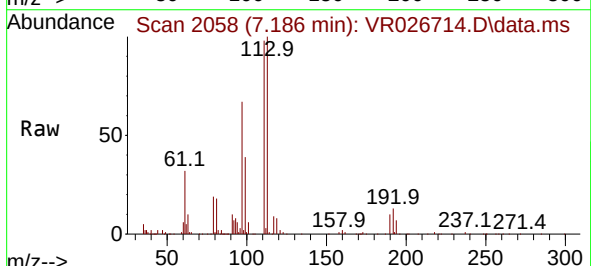
RT: 7.186 min Scan# 2058

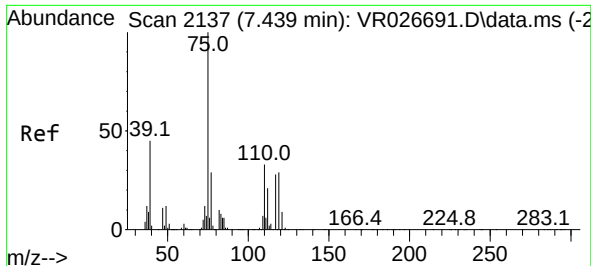
Delta R.T. -0.019 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Tgt Ion:	113	Resp:	224453
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.7	122.5
192	17.1	12.3	18.5





#35

1,1-Dichloropropene

Concen: 48.840 ug/l

RT: 7.417 min Scan# 2137

Delta R.T. -0.022 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 284900

Ion Ratio Lower Upper

75 100

110 37.3 17.0 50.9

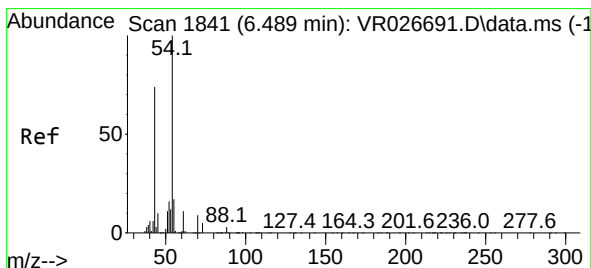
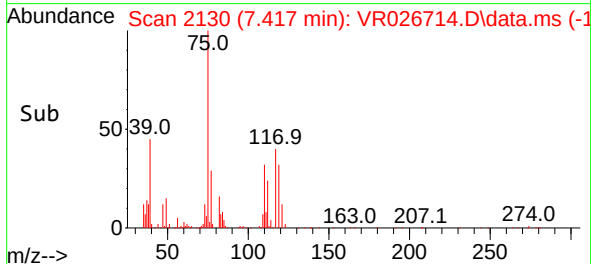
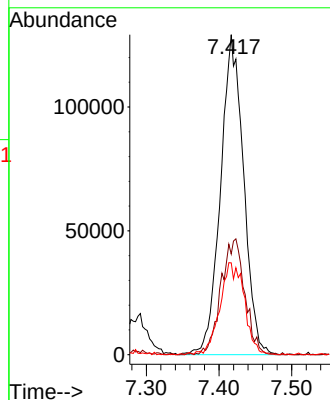
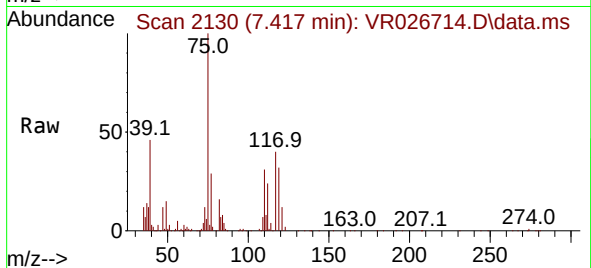
77 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#36

Ethyl Acetate

Concen: 49.511 ug/l

RT: 6.467 min Scan# 1834

Delta R.T. -0.022 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

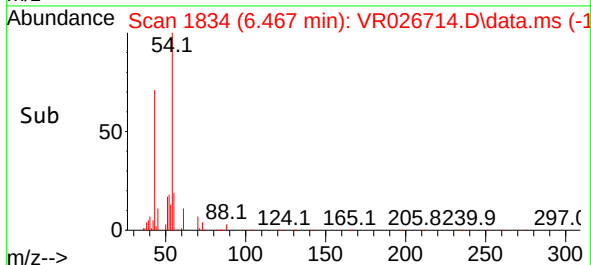
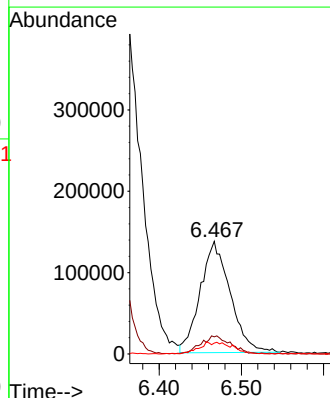
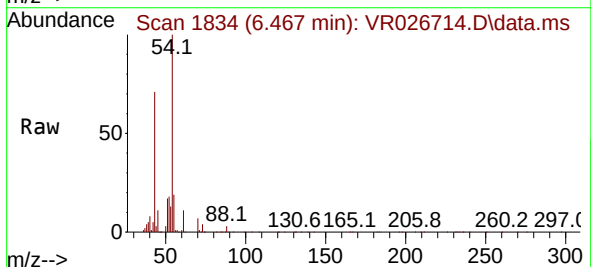
Tgt Ion: 43 Resp: 345762

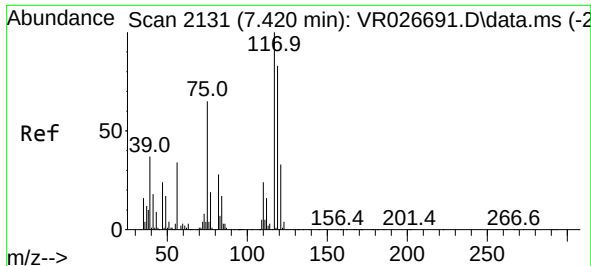
Ion Ratio Lower Upper

43 100

61 15.8 12.0 18.0

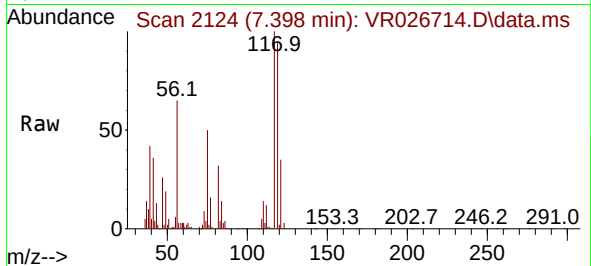
70 4.5 9.0 13.6





#37
Carbon Tetrachloride
Concen: 49.253 ug/l
RT: 7.398 min Scan# 2131
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

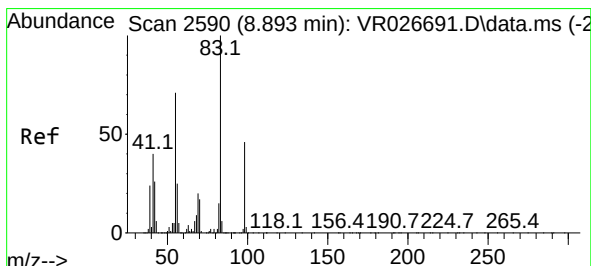
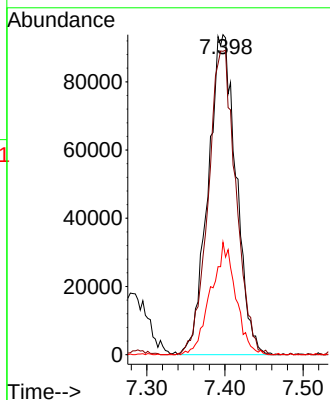
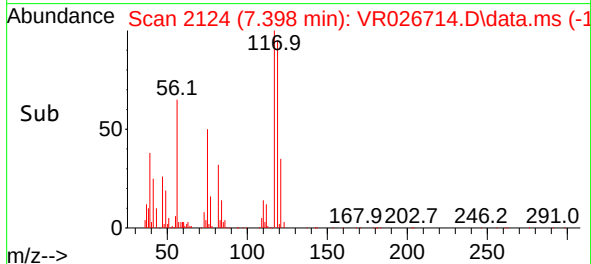
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 117 Resp: 233990
Ion Ratio Lower Upper
117 100
119 94.8 67.0 100.4
121 34.8 26.3 39.5

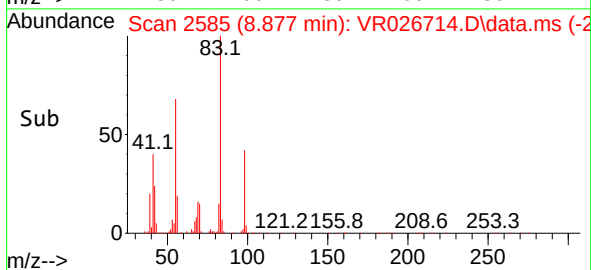
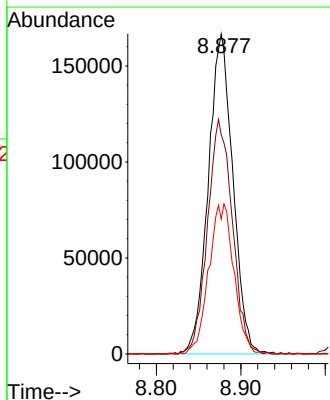
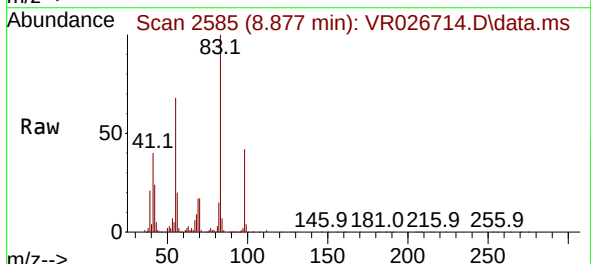
Manual Integrations
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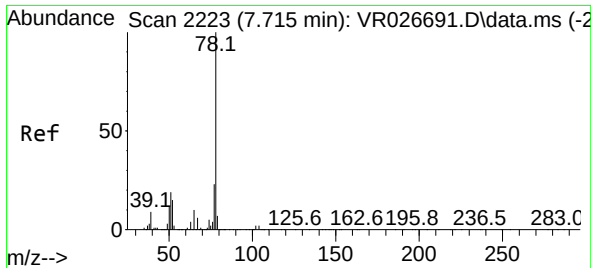
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#38
Methylcyclohexane
Concen: 50.540 ug/l
RT: 8.877 min Scan# 2585
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

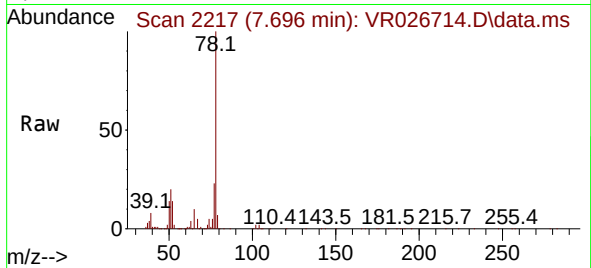
Tgt Ion: 83 Resp: 337470
Ion Ratio Lower Upper
83 100
55 68.4 56.7 85.1
98 42.2 36.7 55.1





#39
Benzene
Concen: 48.449 ug/l
RT: 7.696 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

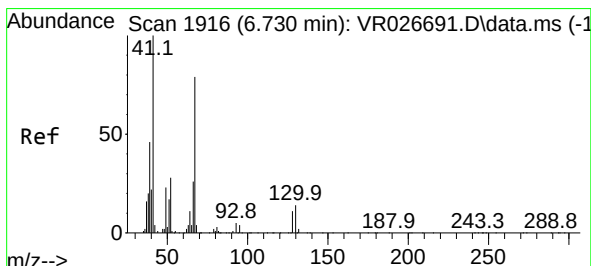
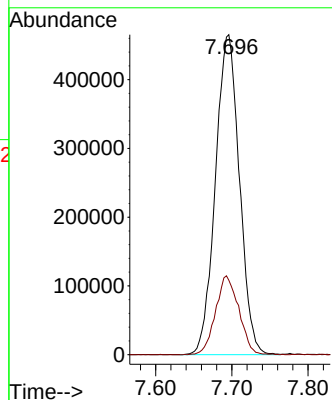
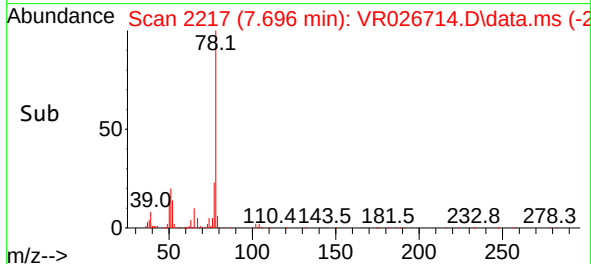
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 78 Resp: 101775
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

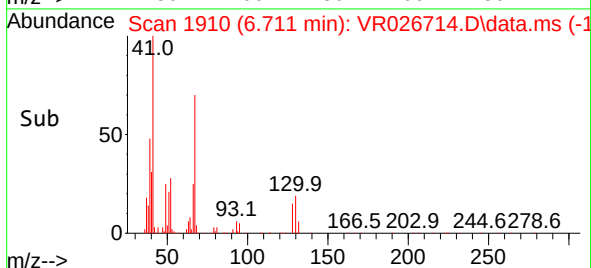
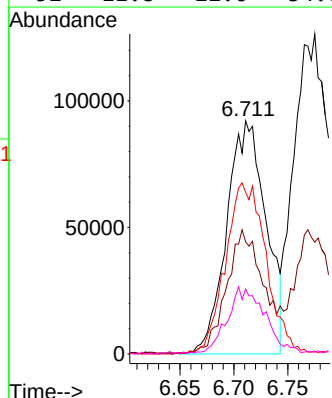
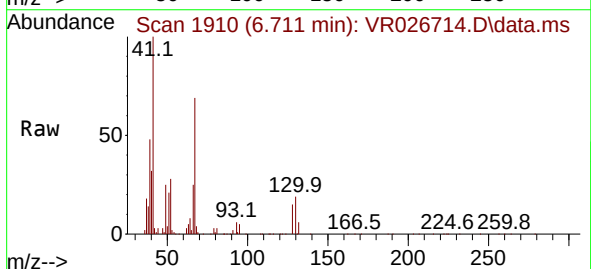
Manual Integrations
APPROVED

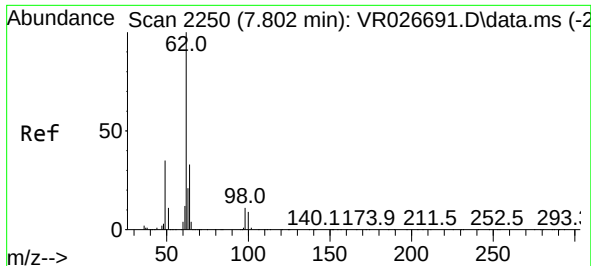
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#40
Methacrylonitrile
Concen: 53.776 ug/l
RT: 6.711 min Scan# 1910
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 41 Resp: 233385
Ion Ratio Lower Upper
41 100
39 51.3 42.4 63.6
67 75.4 65.6 98.4
52 11.8 22.6 34.0#





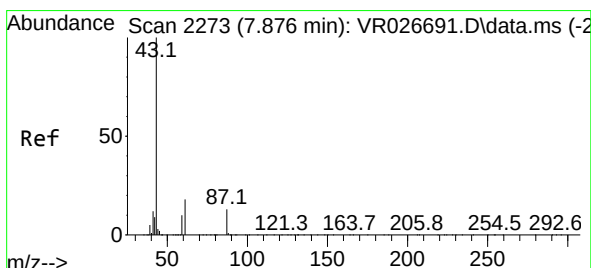
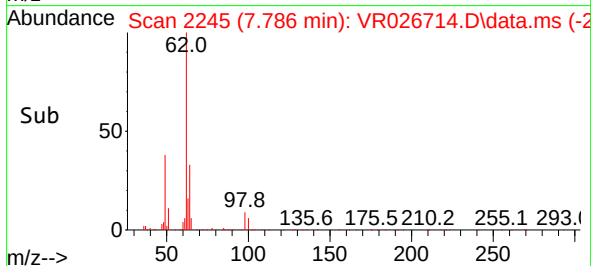
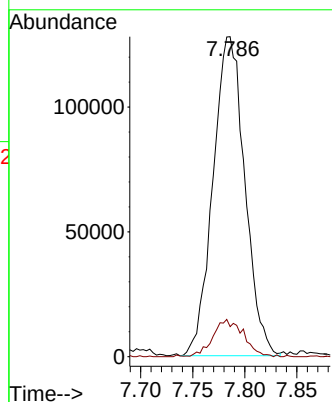
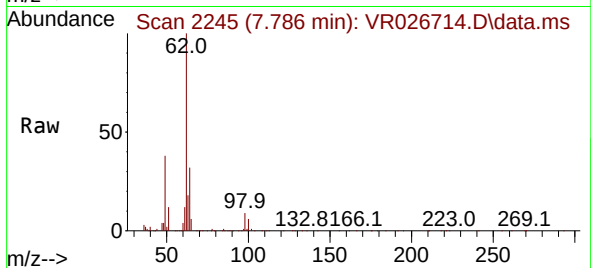
#41
1,2-Dichloroethane
Concen: 50.836 ug/l
RT: 7.786 min Scan# 2162
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 62 Resp: 271629
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.2

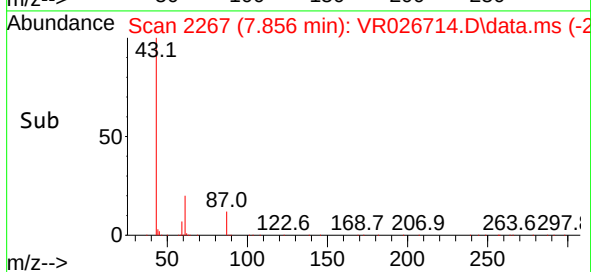
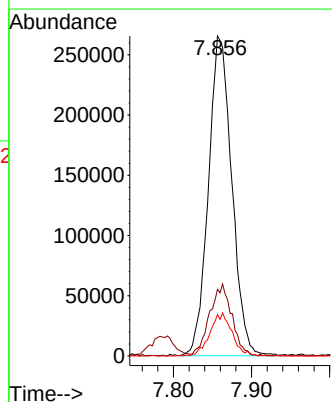
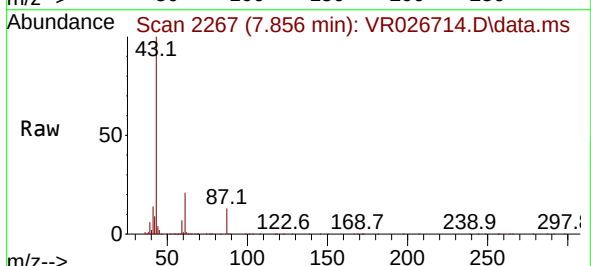
Manual Integrations
APPROVED

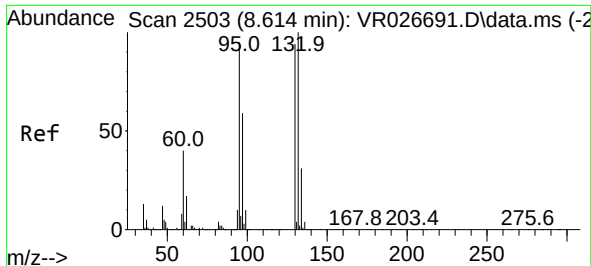
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#42
Isopropyl Acetate
Concen: 49.310 ug/l
RT: 7.856 min Scan# 2267
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

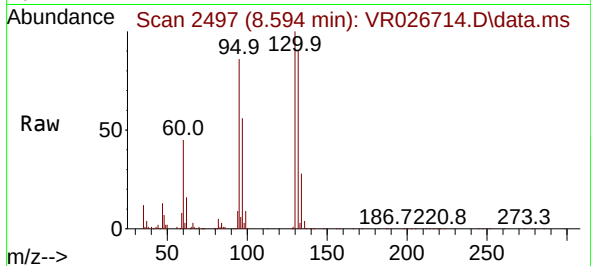
Tgt Ion: 43 Resp: 553708
Ion Ratio Lower Upper
43 100
61 21.2 17.9 26.9
87 12.7 10.8 16.2





#43
Trichloroethene
Concen: 51.270 ug/l
RT: 8.594 min Scan# 2497
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

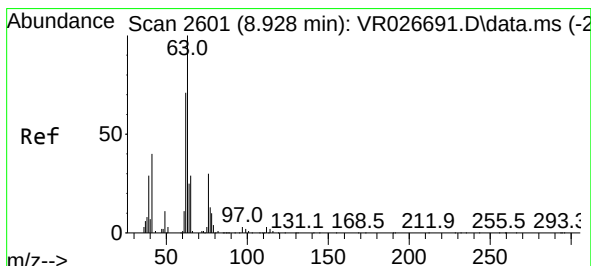
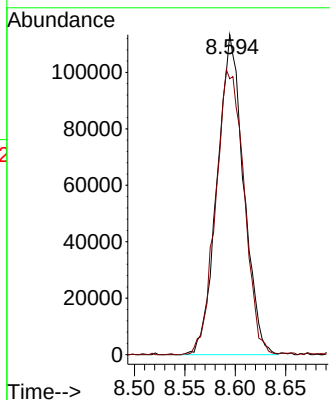
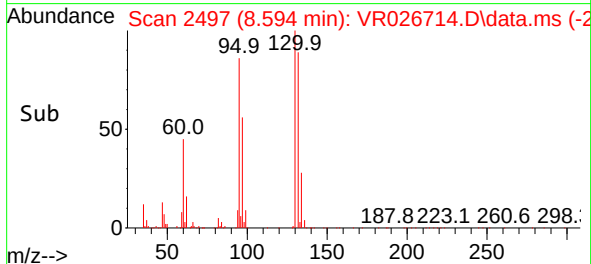
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



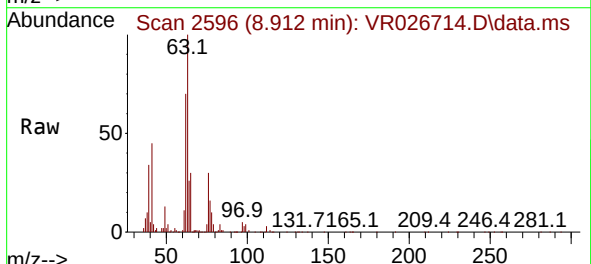
Tgt Ion:130 Resp: 207124
Ion Ratio Lower Upper
130 100
95 86.2 0.0 200.6

Manual Integrations
APPROVED

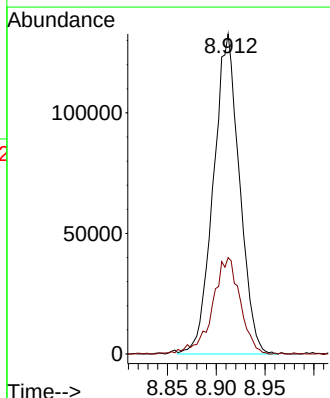
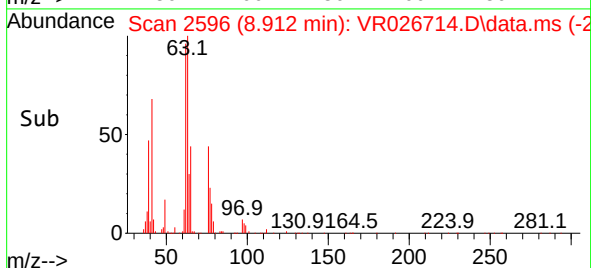
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

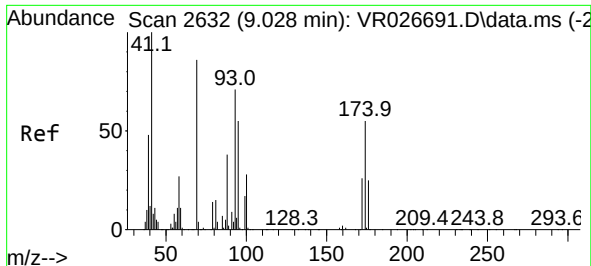


#44
1,2-Dichloropropane
Concen: 49.580 ug/l
RT: 8.912 min Scan# 2596
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



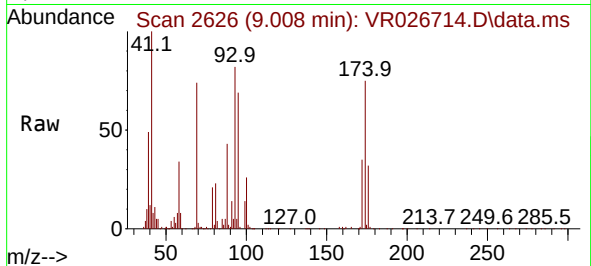
Tgt Ion: 63 Resp: 246468
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.8





#45
Dibromomethane
Concen: 51.653 ug/l
RT: 9.008 min Scan# 2626
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

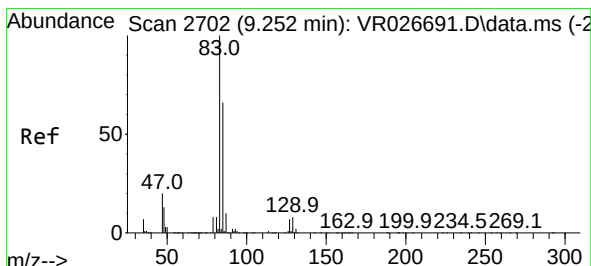
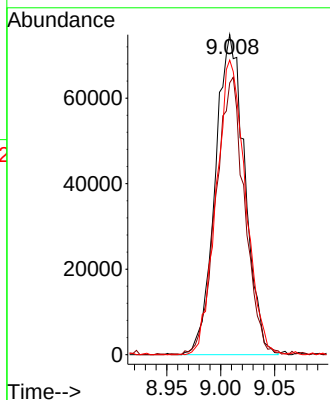
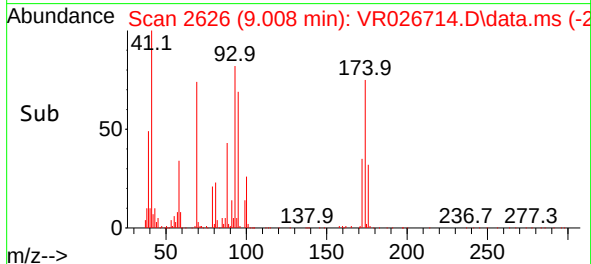
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 93 Resp: 142804
Ion Ratio Lower Upper
93 100
95 84.7 69.4 104.0
174 91.0 66.9 100.3

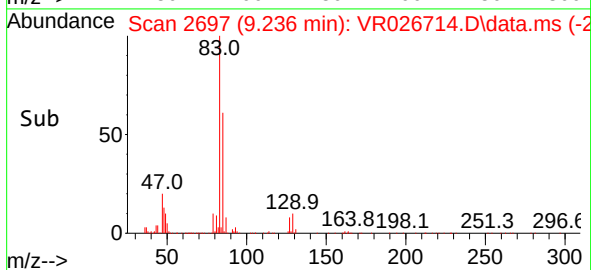
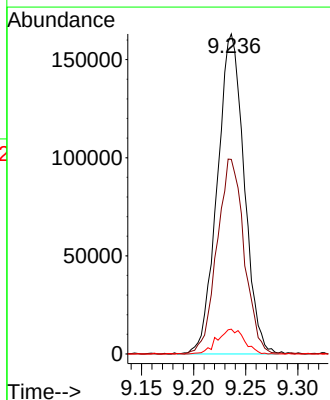
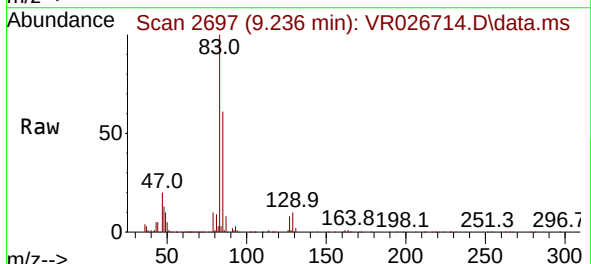
Manual Integrations
APPROVED

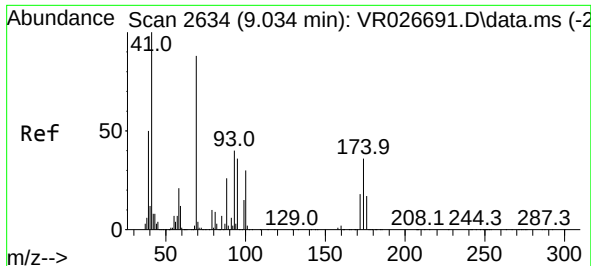
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#46
Bromodichloromethane
Concen: 54.640 ug/l
RT: 9.236 min Scan# 2697
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 83 Resp: 292688
Ion Ratio Lower Upper
83 100
85 60.7 52.6 78.8
127 7.8 5.5 8.3





#47

Methyl methacrylate

Concen: 53.676 ug/l

RT: 9.018 min Scan# 26379

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 26379

Ion Ratio Lower Upper

41 100

69 87.5 69.8 104.6

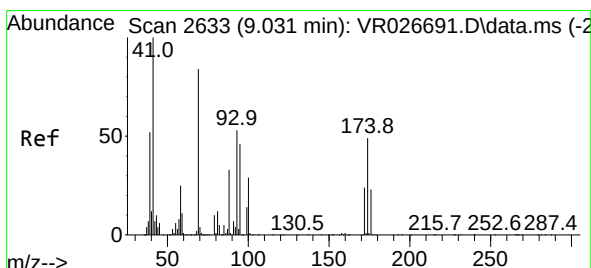
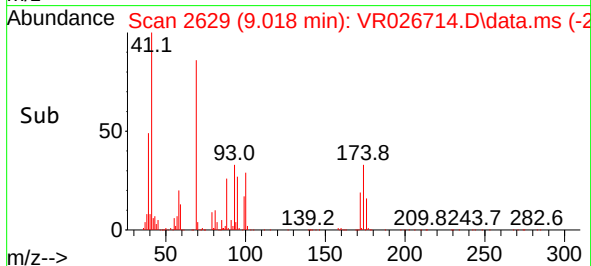
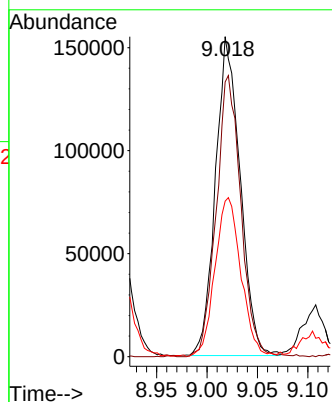
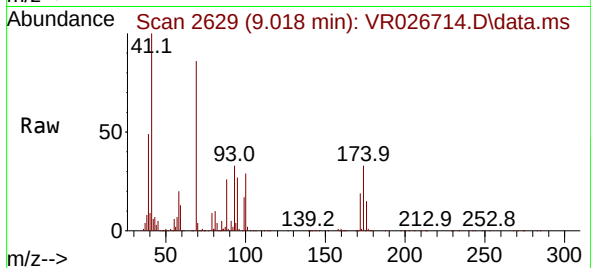
39 51.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#48

1,4-Dioxane

Concen: 1086.860 ug/l

RT: 9.015 min Scan# 2628

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

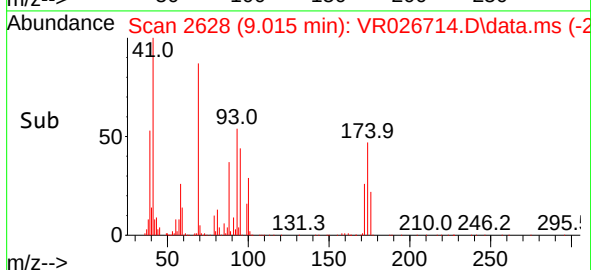
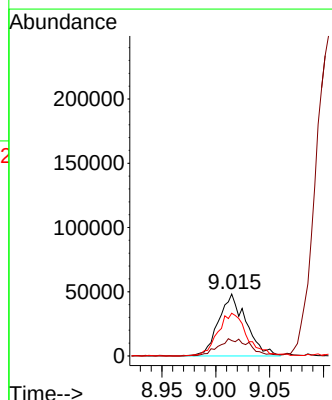
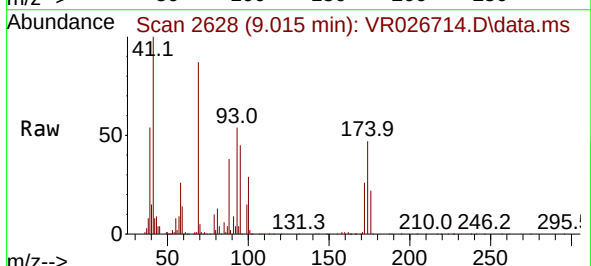
Tgt Ion: 88 Resp: 86042

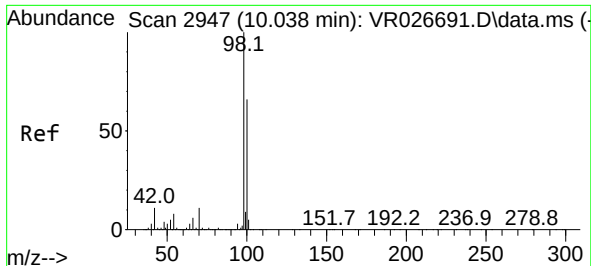
Ion Ratio Lower Upper

88 100

43 32.2 25.2 37.8

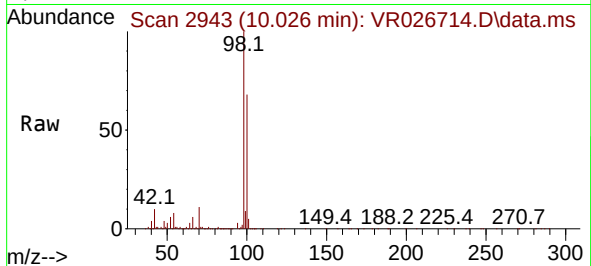
58 73.5 60.8 91.2





#49
Toluene-d8
Concen: 53.808 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

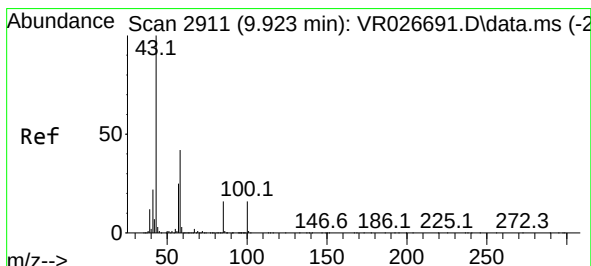
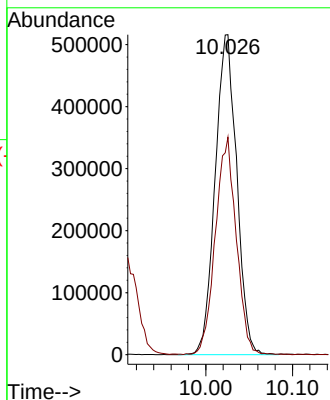
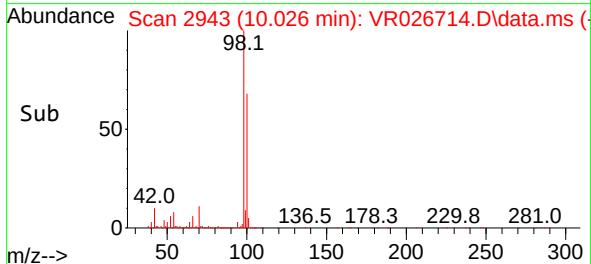
Instrument : MSVOA_R
ClientSampleId : VSTDCCC050



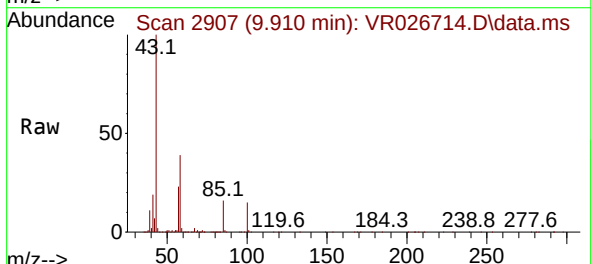
Tgt Ion: 98 Resp: 891372
Ion Ratio Lower Upper
98 100
100 65.6 53.9 80.9

Manual Integrations
APPROVED

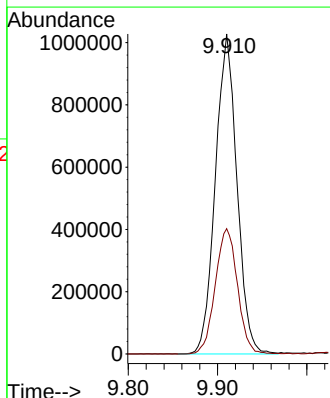
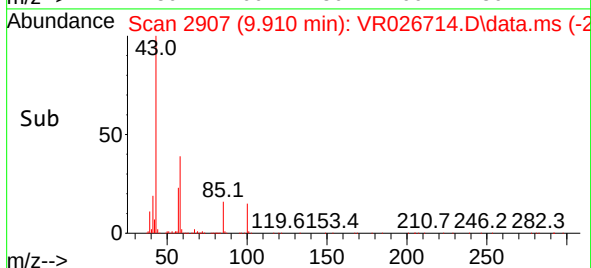
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

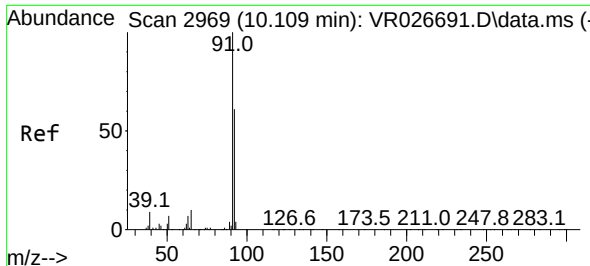


#50
4-Methyl-2-Pentanone
Concen: 294.257 ug/l
RT: 9.910 min Scan# 2907
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion: 43 Resp: 1725048
Ion Ratio Lower Upper
43 100
58 40.4 33.7 50.5





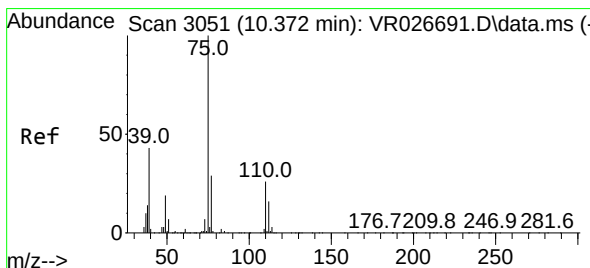
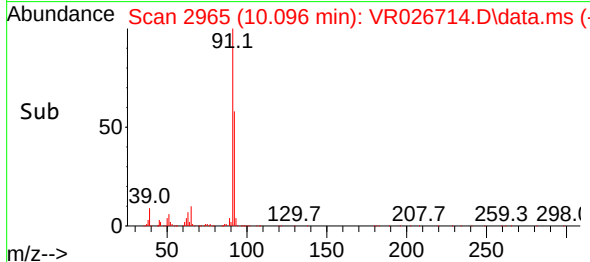
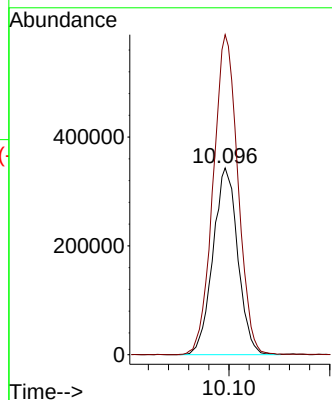
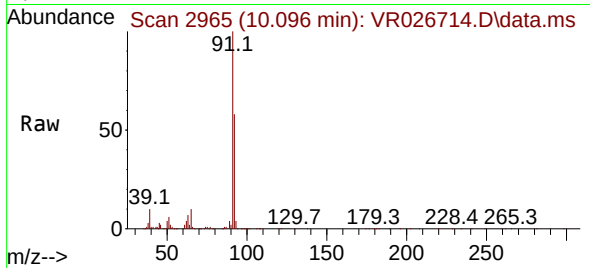
#51
Toluene
Concen: 54.653 ug/l
RT: 10.096 min Scan# 2965
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument : MSVOA_R
ClientSampleId : VSTDCCC050

Tgt Ion: 92 Resp: 586084
Ion Ratio Lower Upper
92 100
91 171.2 137.8 206.6

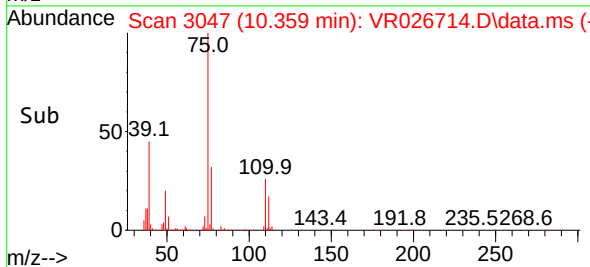
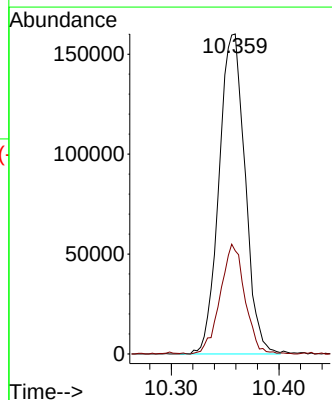
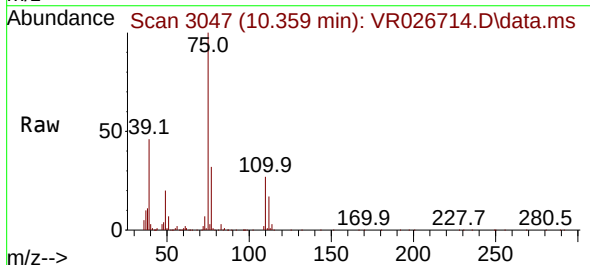
Manual Integrations
APPROVED

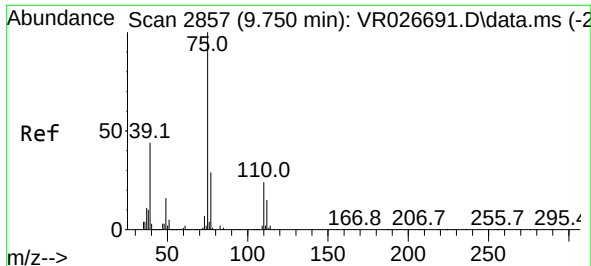
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#52
t-1,3-Dichloropropene
Concen: 51.212 ug/l
RT: 10.359 min Scan# 3047
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

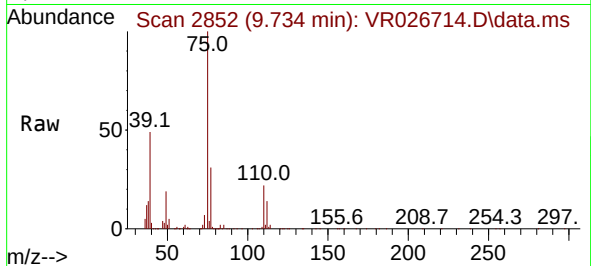
Tgt Ion: 75 Resp: 268878
Ion Ratio Lower Upper
75 100
77 32.1 23.4 35.2





#53
cis-1,3-Dichloropropene
Concen: 52.527 ug/l
RT: 9.734 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

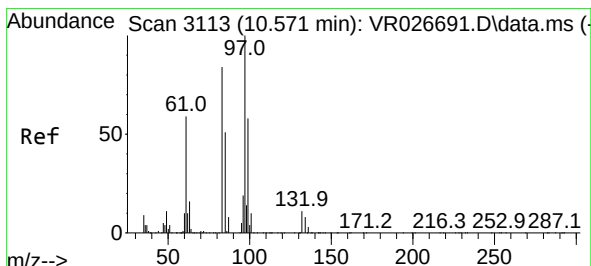
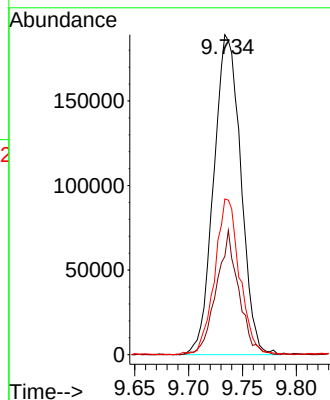
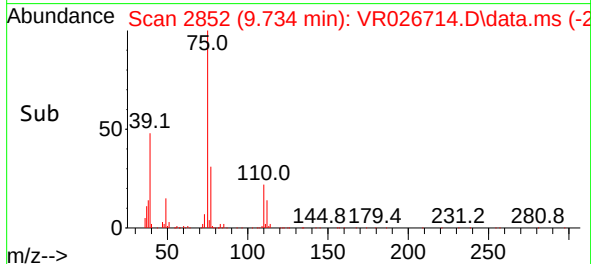
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 330790
Ion Ratio Lower Upper
75 100
77 30.7 22.9 34.3
39 48.4 34.8 52.2

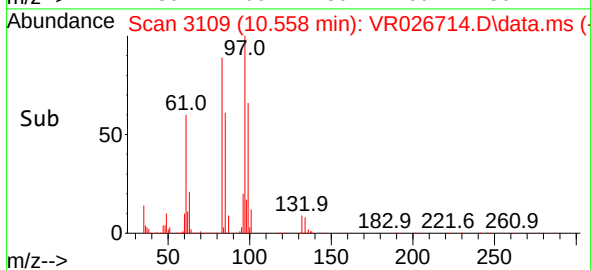
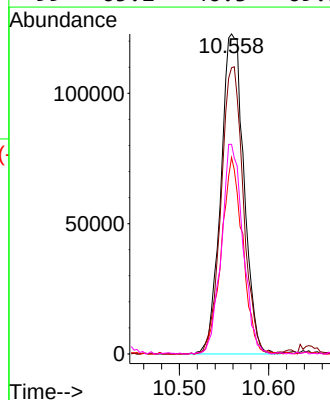
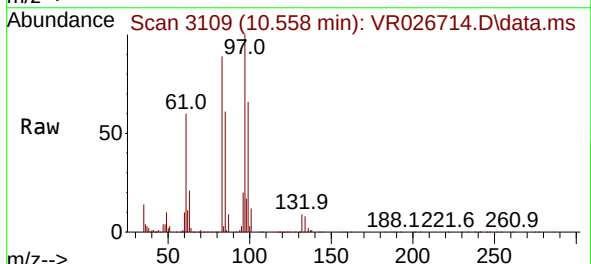
Manual Integrations
APPROVED

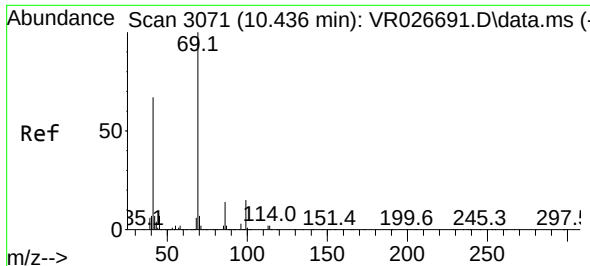
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#54
1,1,2-Trichloroethane
Concen: 56.353 ug/l
RT: 10.558 min Scan# 3109
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

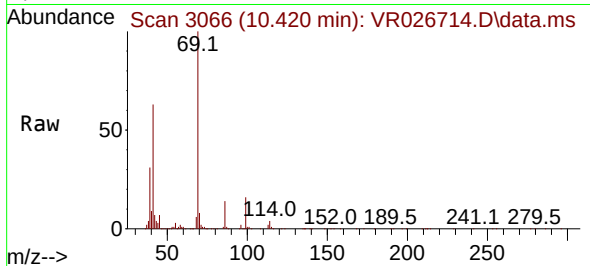
Tgt Ion: 97 Resp: 220695
Ion Ratio Lower Upper
97 100
83 89.5 67.4 101.2
85 61.4 40.4 60.6#
99 65.2 46.3 69.5





#55
Ethyl methacrylate
Concen: 57.196 ug/l
RT: 10.420 min Scan# 3066
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

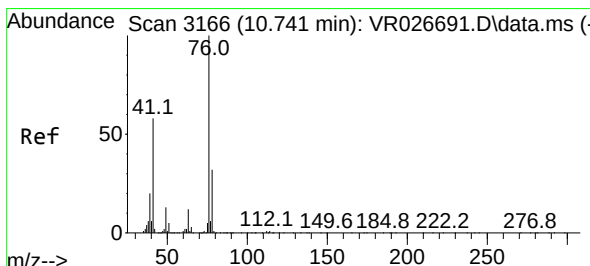
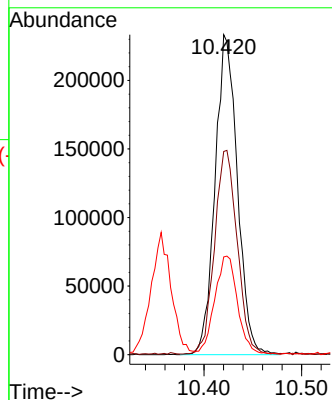
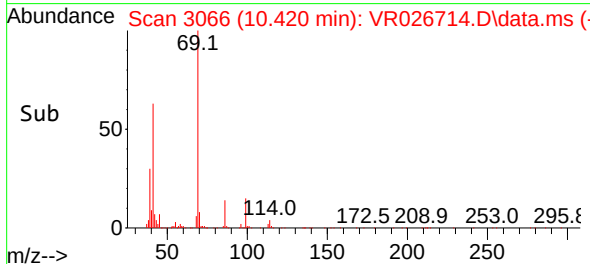
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 69 Resp: 369912
Ion Ratio Lower Upper
69 100
41 64.5 51.5 77.3
39 31.5 24.7 37.1

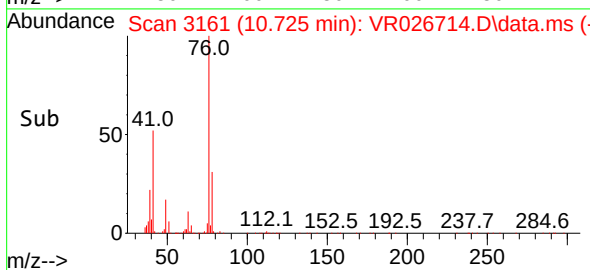
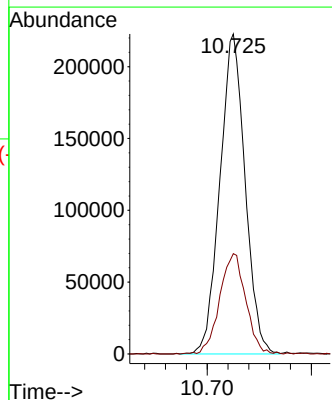
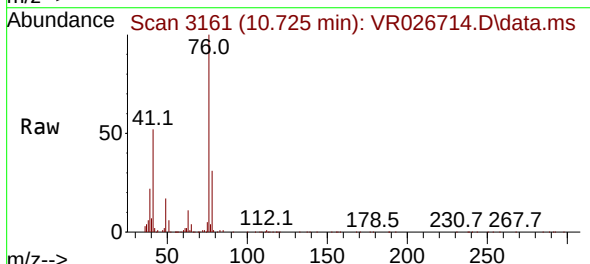
Manual Integrations
APPROVED

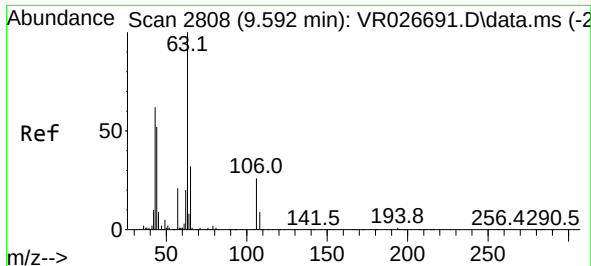
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#56
1,3-Dichloropropane
Concen: 55.992 ug/l
RT: 10.725 min Scan# 3161
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

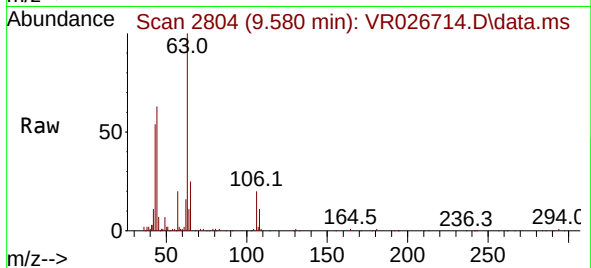
Tgt Ion: 76 Resp: 373505
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6





#57
2-Chloroethyl Vinyl ether
Concen: 283.737 ug/l
RT: 9.580 min Scan# 210
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

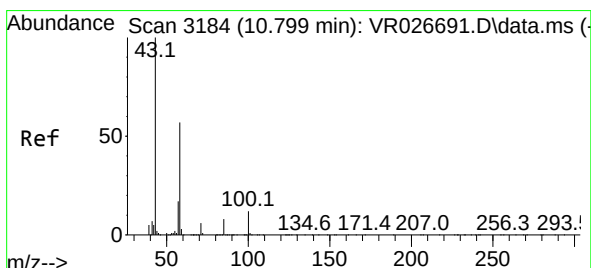
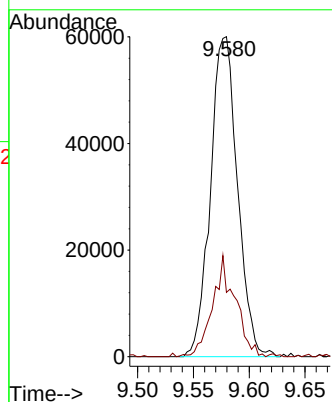
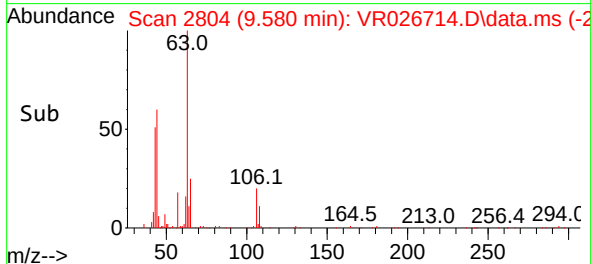
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



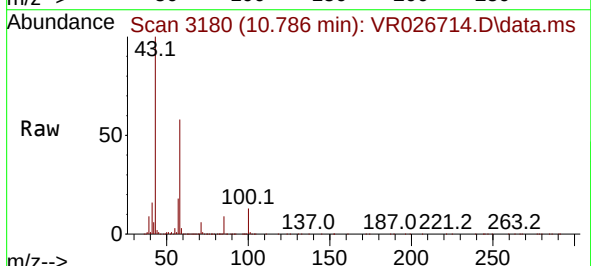
Tgt Ion: 63 Resp: 101410
Ion Ratio Lower Upper
63 100
106 26.4 22.5 33.7

Manual Integrations
APPROVED

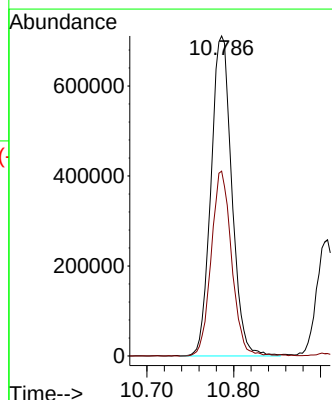
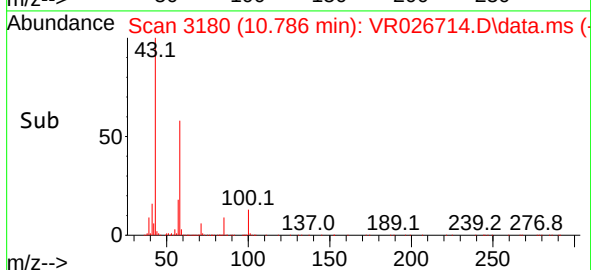
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

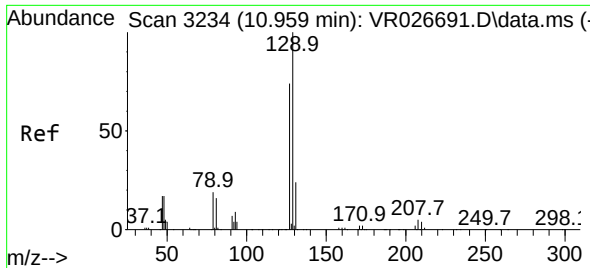


#58
2-Hexanone
Concen: 300.183 ug/l
RT: 10.786 min Scan# 3180
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion: 43 Resp: 1186349
Ion Ratio Lower Upper
43 100
58 56.6 28.8 86.4





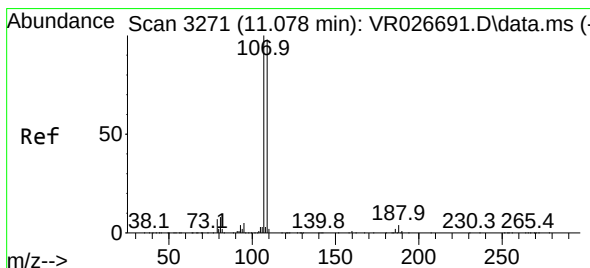
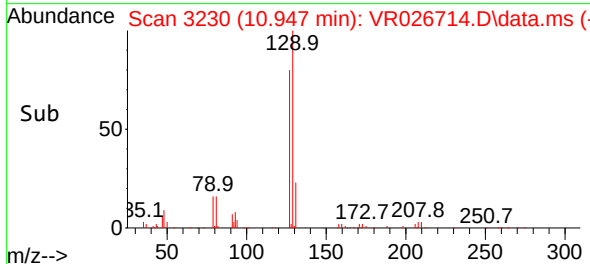
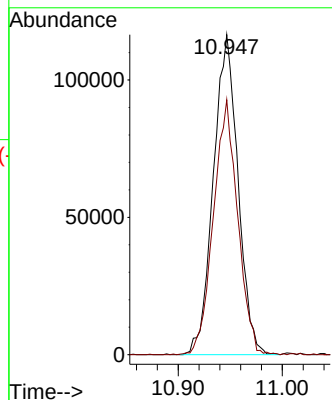
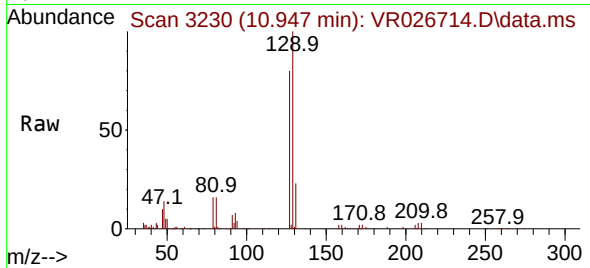
#59
Dibromochloromethane
Concen: 57.803 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:129 Resp: 19158
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

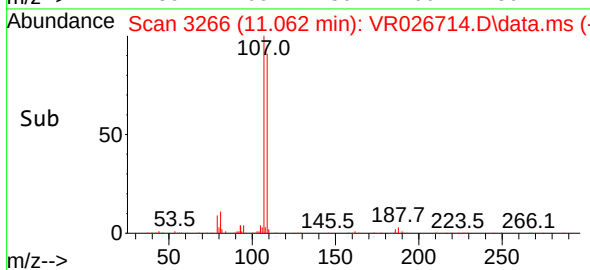
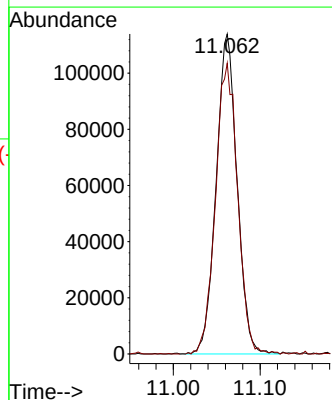
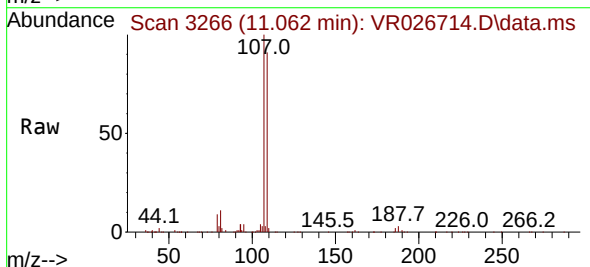
Manual Integrations
APPROVED

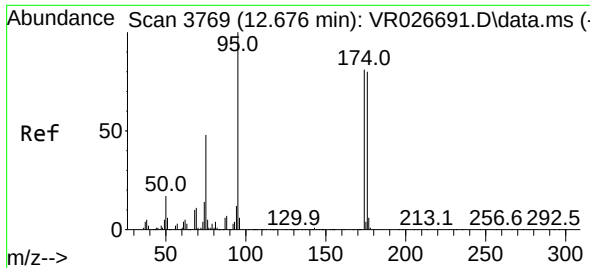
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#60
1,2-Dibromoethane
Concen: 56.749 ug/l
RT: 11.062 min Scan# 3266
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

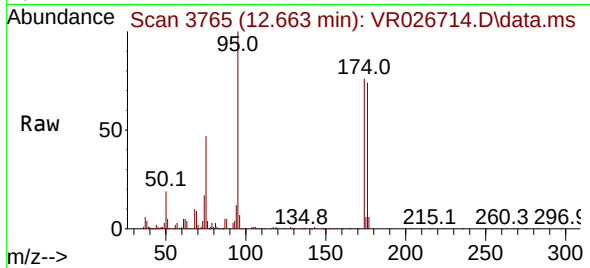
Tgt Ion:107 Resp: 191278
Ion Ratio Lower Upper
107 100
109 95.7 75.9 113.9





#61
4-Bromofluorobenzene
Concen: 54.696 ug/l
RT: 12.663 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

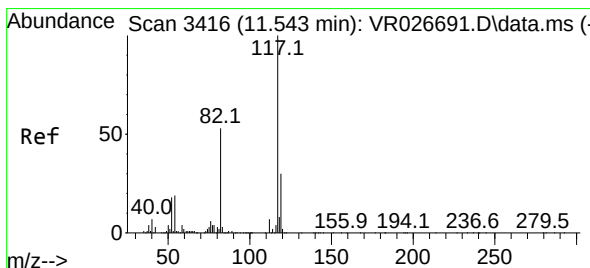
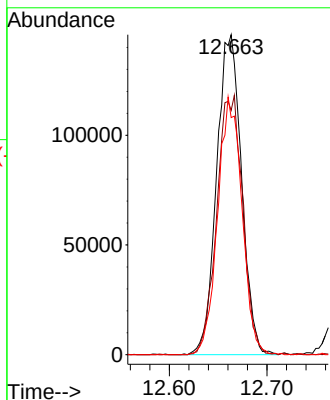
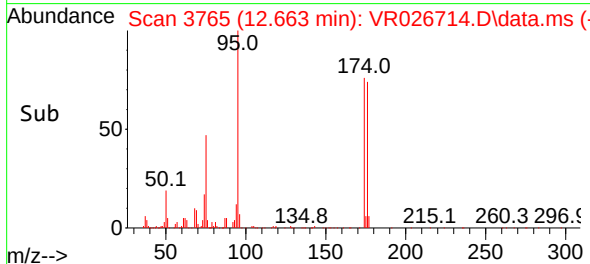
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



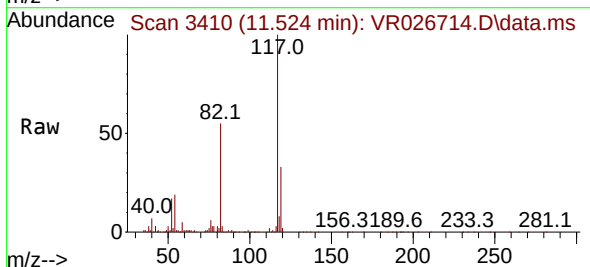
Tgt Ion: 95 Resp: 257710
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.4
176 78.6 0.0 149.0

Manual Integrations
APPROVED

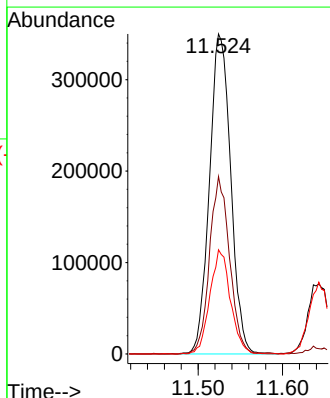
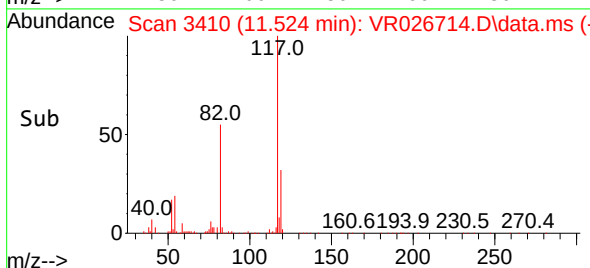
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

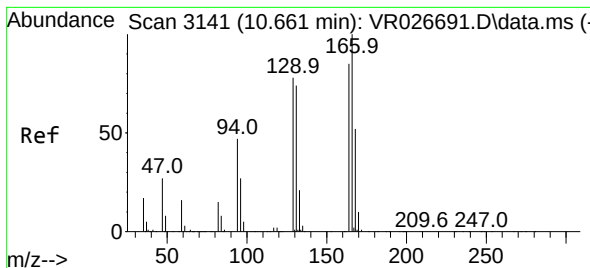


#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.524 min Scan# 3410
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion:117 Resp: 612043
Ion Ratio Lower Upper
117 100
82 55.5 42.0 63.0
119 32.6 23.9 35.9





#63

Tetrachloroethene

Concen: 50.578 ug/l

RT: 10.639 min Scan# 3141

Delta R.T. -0.022 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:164 Resp: 169109

Ion Ratio Lower Upper

164 100

166 121.2 93.7 140.5

129 85.1 73.4 110.2

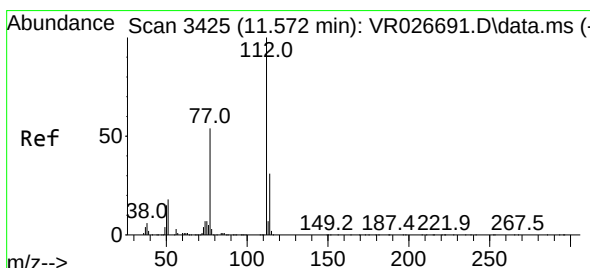
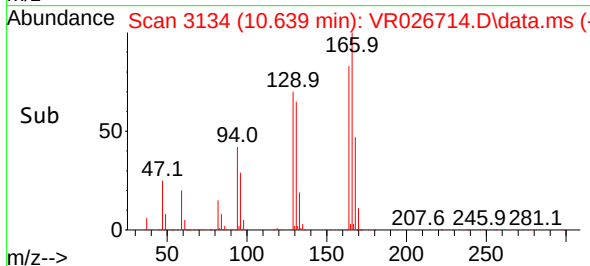
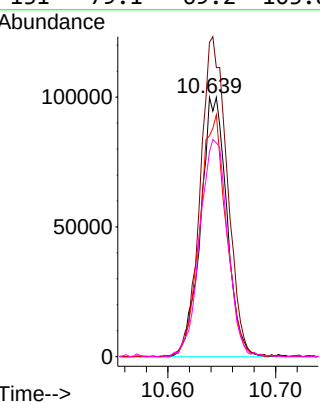
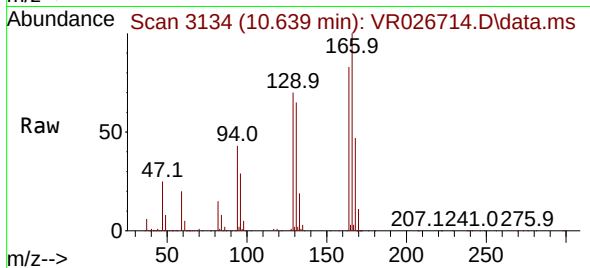
131 79.1 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#64

Chlorobenzene

Concen: 50.179 ug/l

RT: 11.556 min Scan# 3420

Delta R.T. -0.016 min

Lab File: VR026714.D

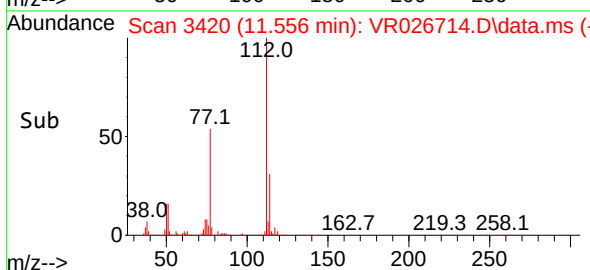
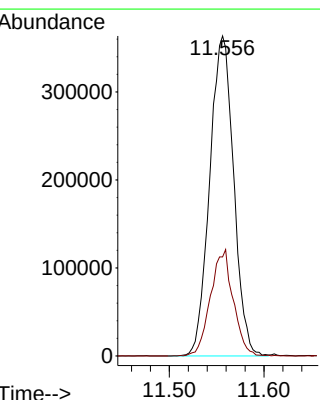
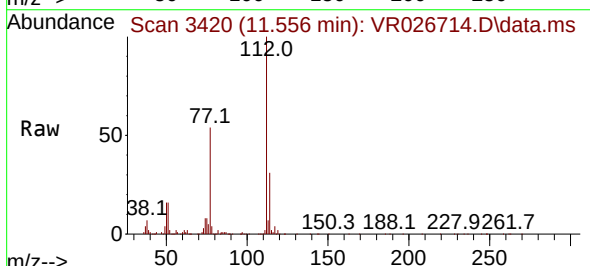
Acq: 6 Aug 2025 13:29

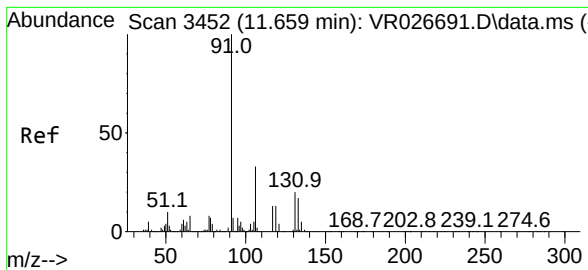
Tgt Ion:112 Resp: 639159

Ion Ratio Lower Upper

112 100

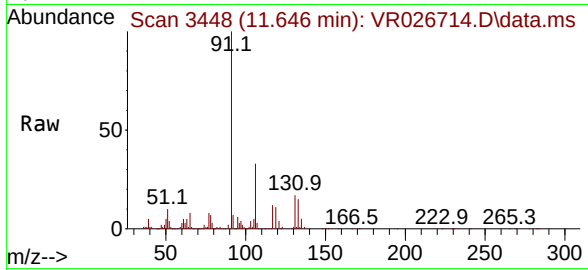
114 30.9 25.0 37.6





#65
1,1,1,2-Tetrachloroethane
Concen: 51.939 ug/l
RT: 11.646 min Scan# 3448
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

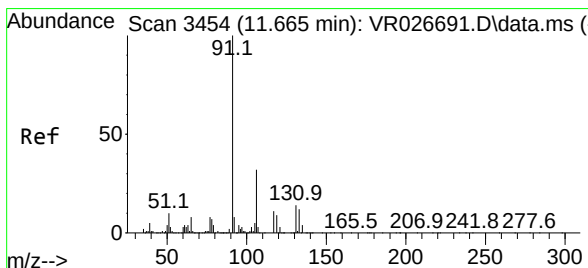
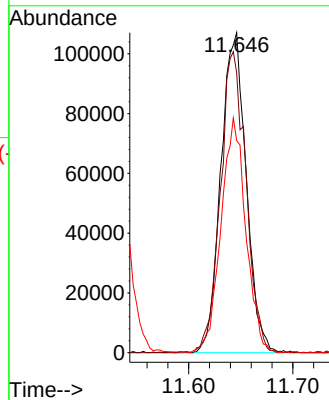
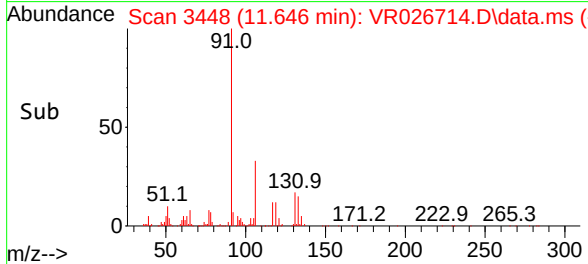
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



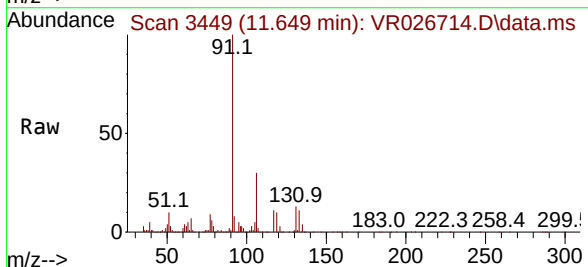
Tgt Ion:131 Resp: 180700
Ion Ratio Lower Upper
131 100
133 95.2 46.2 138.5
119 71.8 35.7 107.1

Manual Integrations
APPROVED

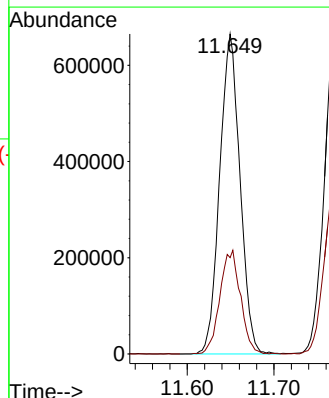
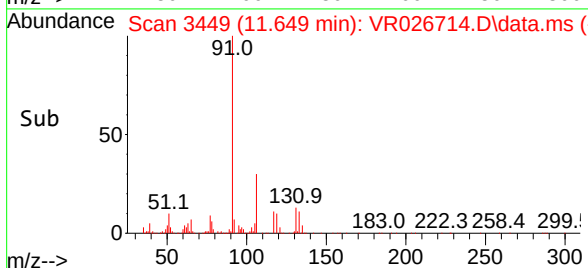
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

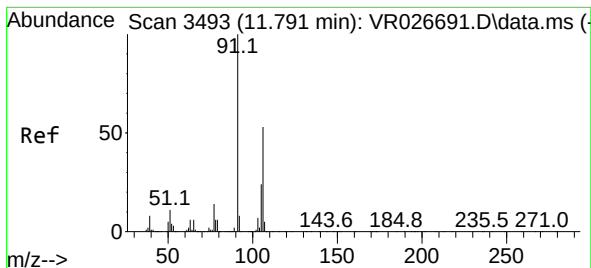


#66
Ethyl Benzene
Concen: 50.852 ug/l
RT: 11.649 min Scan# 3449
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



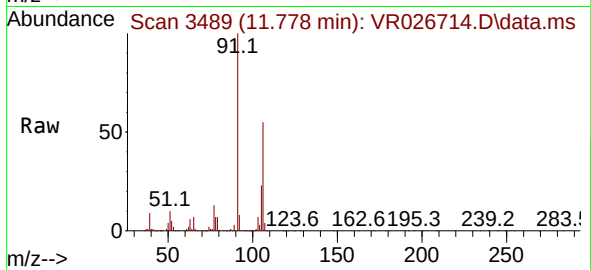
Tgt Ion: 91 Resp: 1081546
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0





#67
m/p-Xylenes
Concen: 102.773 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

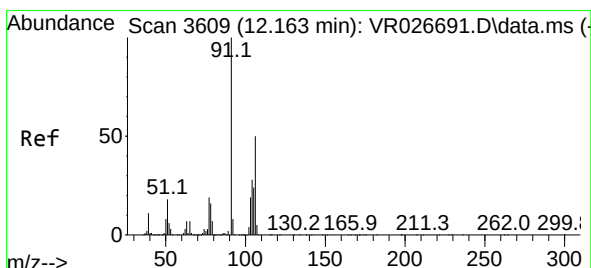
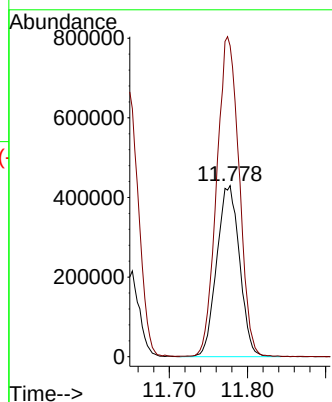
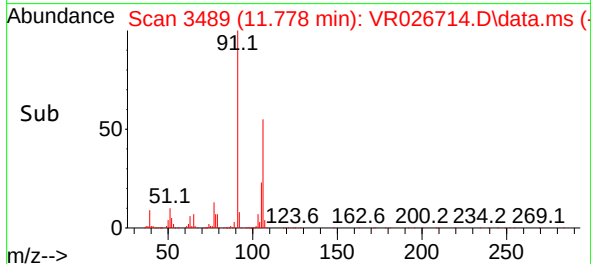
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



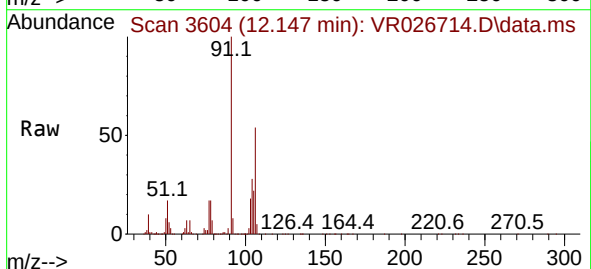
Tgt Ion:106 Resp: 873275
Ion Ratio Lower Upper
106 100
91 183.3 146.8 220.2

Manual Integrations
APPROVED

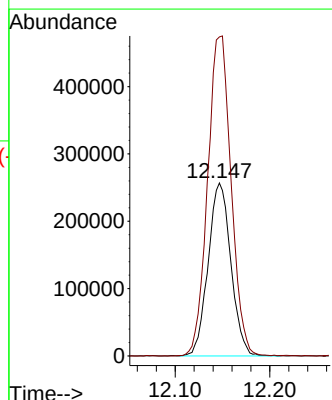
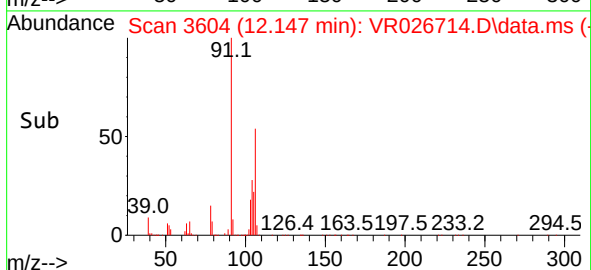
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

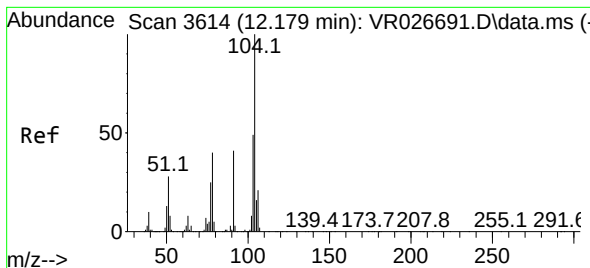


#68
o-Xylene
Concen: 51.848 ug/l
RT: 12.147 min Scan# 3604
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion:106 Resp: 427663
Ion Ratio Lower Upper
106 100
91 191.4 97.9 293.6





#69

Styrene

Concen: 52.238 ug/l

RT: 12.163 min Scan# 3609

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:104 Resp: 72003

Ion Ratio Lower Upper

104 100

78 42.1 34.5 51.7

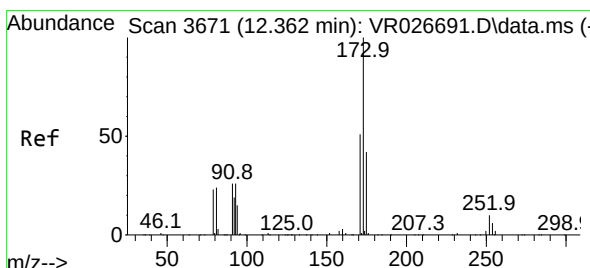
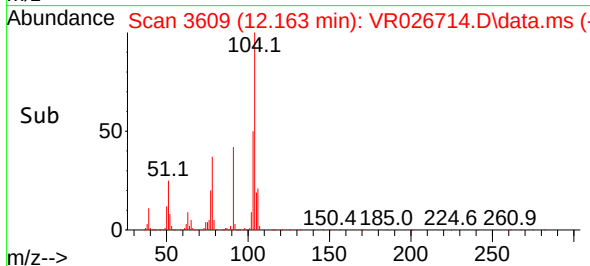
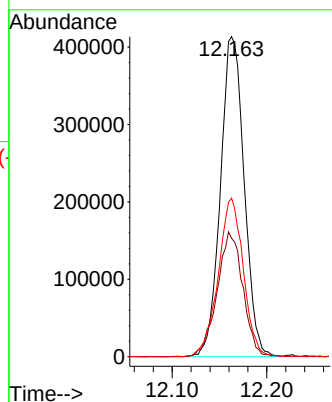
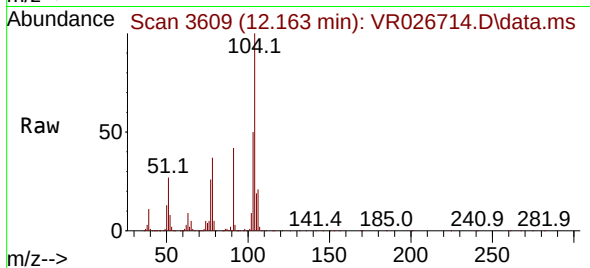
103 52.4 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#70

Bromoform

Concen: 55.707 ug/l

RT: 12.346 min Scan# 3666

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

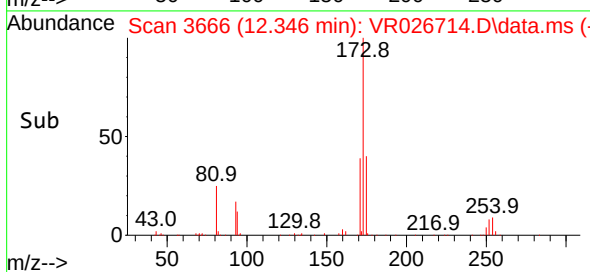
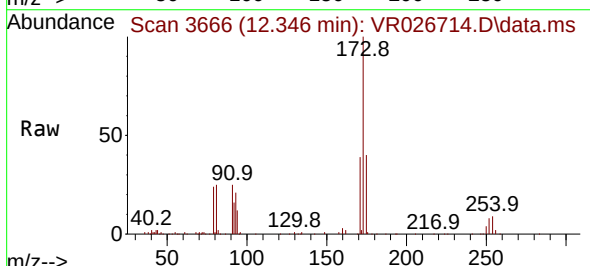
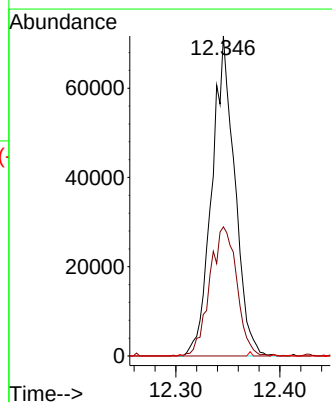
Tgt Ion:173 Resp: 109686

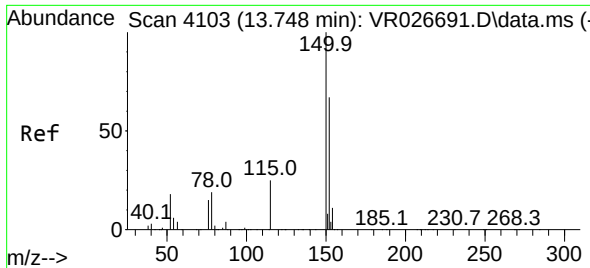
Ion Ratio Lower Upper

173 100

175 47.4 23.6 71.0

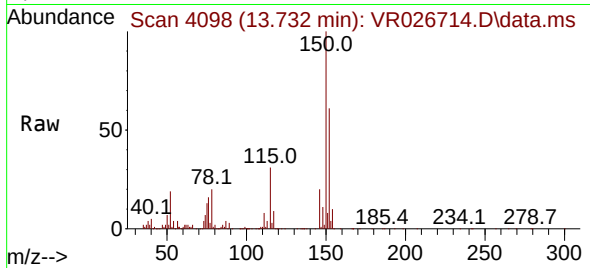
254 0.0 0.1 0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.732 min Scan# 4098
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

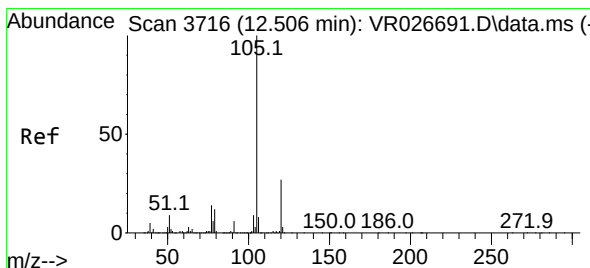
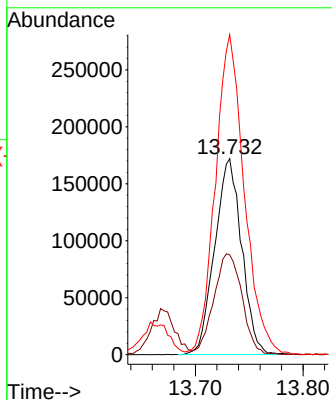
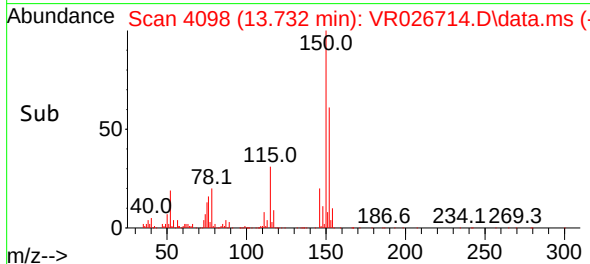
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



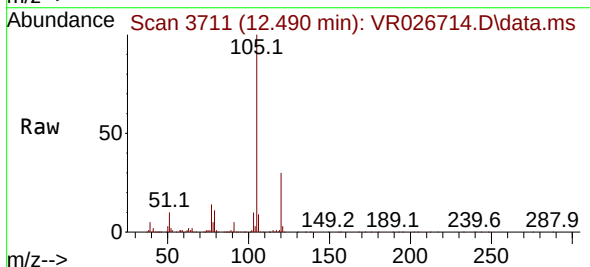
Tgt Ion:152 Resp: 298832
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.4
150 175.7 0.0 350.4

Manual Integrations
APPROVED

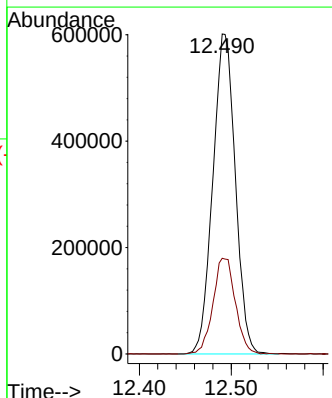
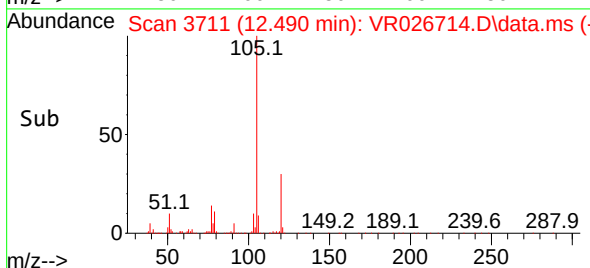
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

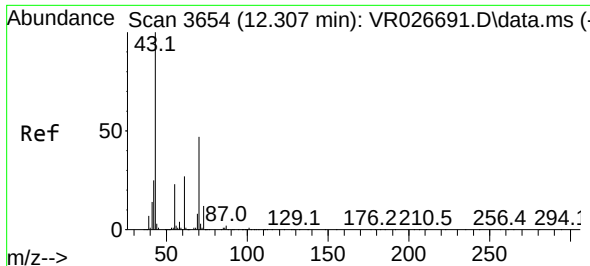


#72
Isopropylbenzene
Concen: 48.008 ug/l
RT: 12.490 min Scan# 3711
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



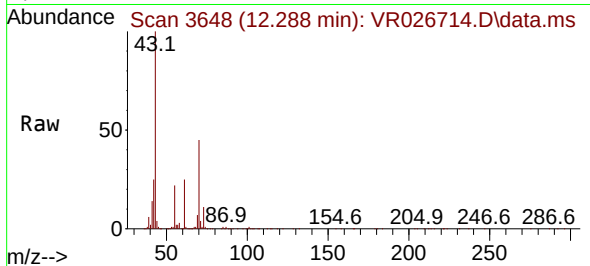
Tgt Ion:105 Resp: 1022541
Ion Ratio Lower Upper
105 100
120 29.7 14.2 42.8





#73
N-amy1 acetate
Concen: 49.654 ug/l
RT: 12.288 min Scan# 3648
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument : MSVOA_R
ClientSampleId : VSTDCCC050

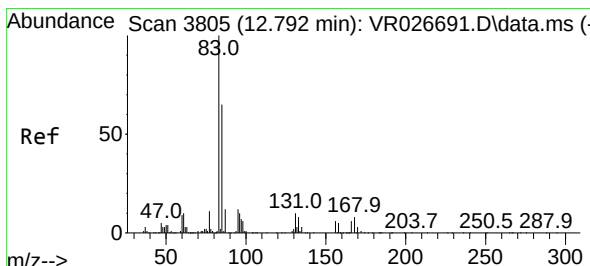
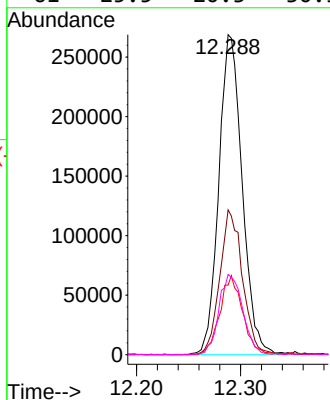
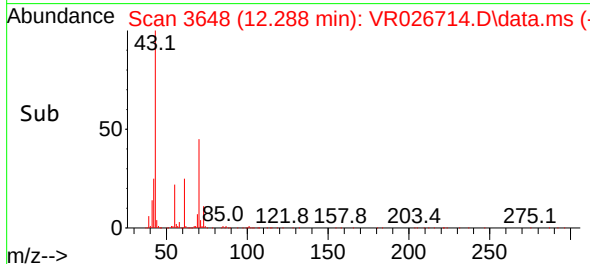


Tgt Ion: 43 Resp: 419330

Ion	Ratio	Lower	Upper
43	100		
70	44.1	36.4	54.6
55	24.2	18.7	28.1
61	25.5	20.3	30.5

Manual Integrations
APPROVED

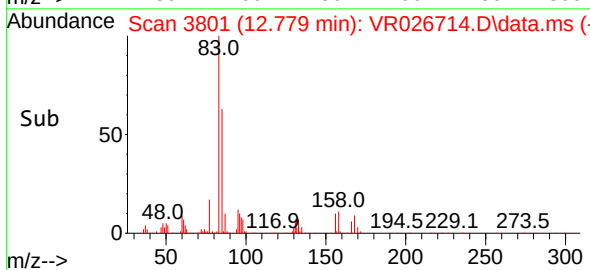
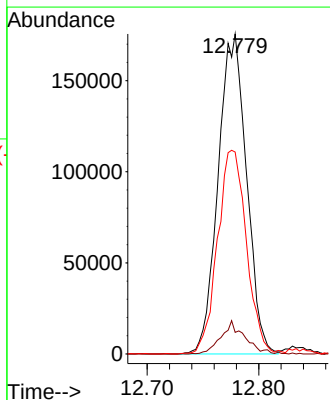
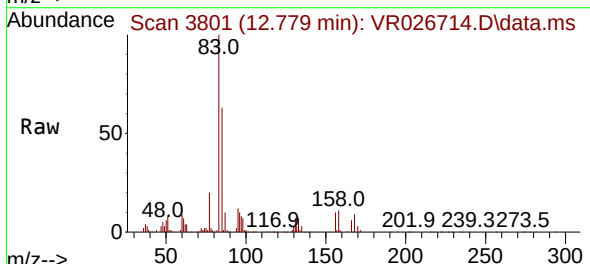
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

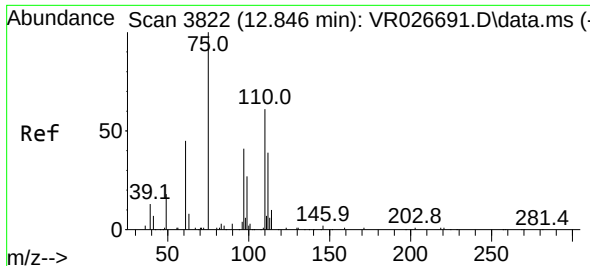


#74
1,1,2,2-Tetrachloroethane
Concen: 49.678 ug/l
RT: 12.779 min Scan# 3801
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 83 Resp: 310445

Ion	Ratio	Lower	Upper
83	100		
131	8.6	4.2	12.4
85	65.0	32.3	96.8





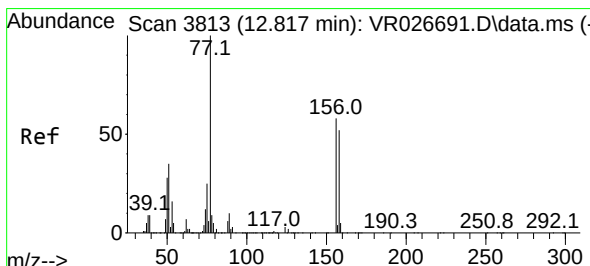
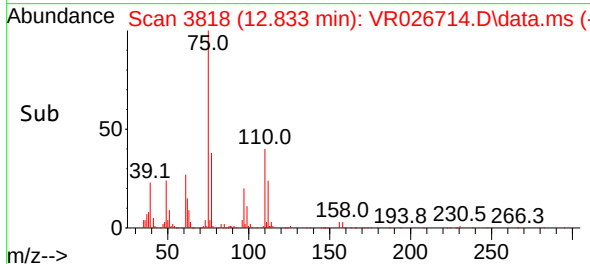
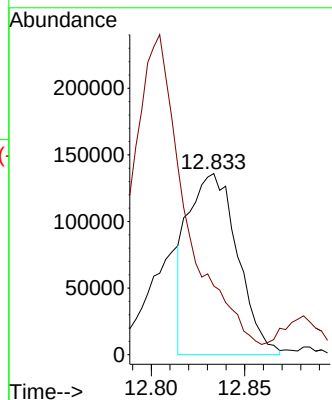
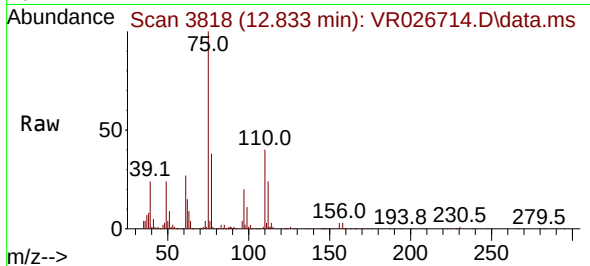
#75
1,2,3-Trichloropropane
Concen: 50.418 ug/l m
RT: 12.833 min Scan# 3818
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24974
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

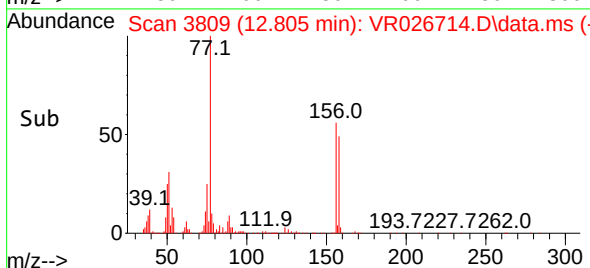
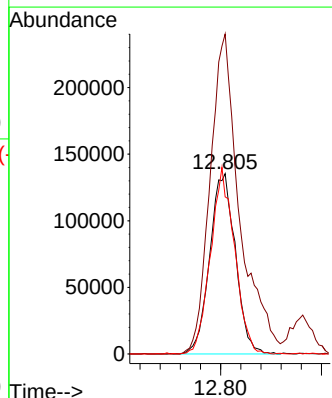
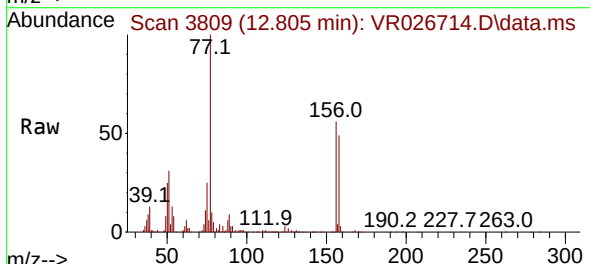
Manual Integrations
APPROVED

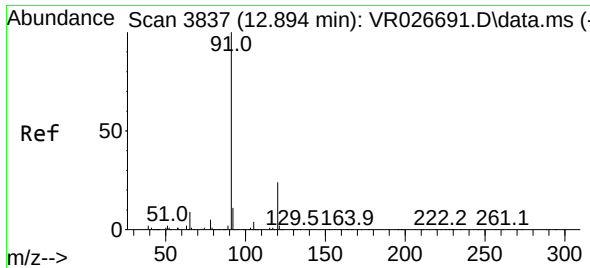
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#76
Bromobenzene
Concen: 48.617 ug/l
RT: 12.805 min Scan# 3809
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion:156 Resp: 239638
Ion Ratio Lower Upper
156 100
77 204.4 105.5 316.4
158 96.9 46.4 139.1





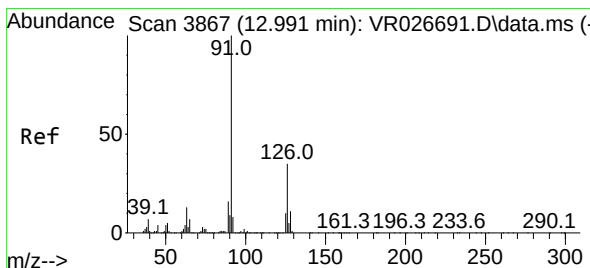
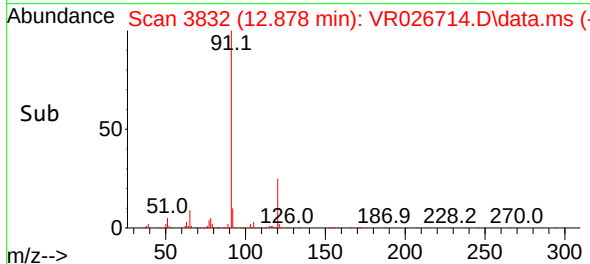
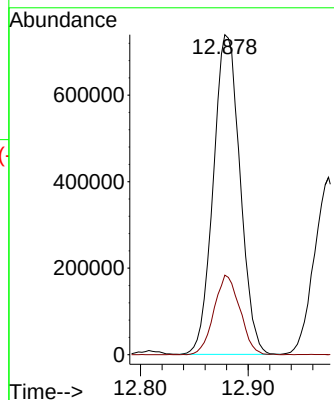
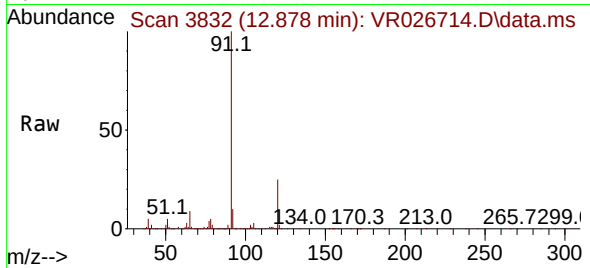
#77
n-propylbenzene
Concen: 50.246 ug/l
RT: 12.878 min Scan# 3832
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1276830
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.9

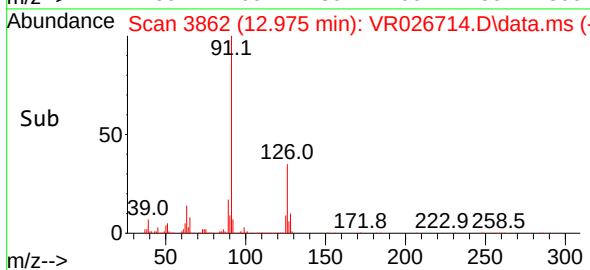
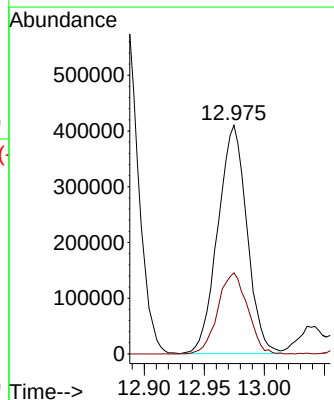
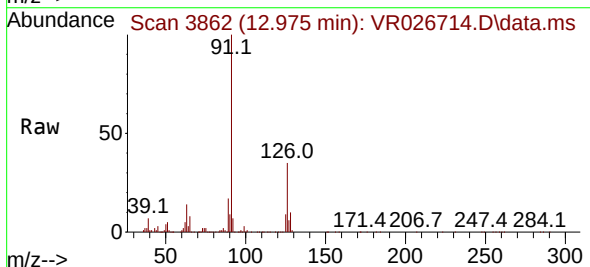
Manual Integrations
APPROVED

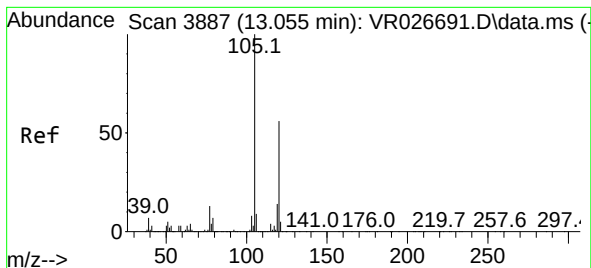
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#78
2-Chlorotoluene
Concen: 47.884 ug/l
RT: 12.975 min Scan# 3862
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

Tgt Ion: 91 Resp: 690366
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 49.141 ug/l

RT: 13.039 min Scan# 3882

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 81848

Ion Ratio Lower Upper

105 100

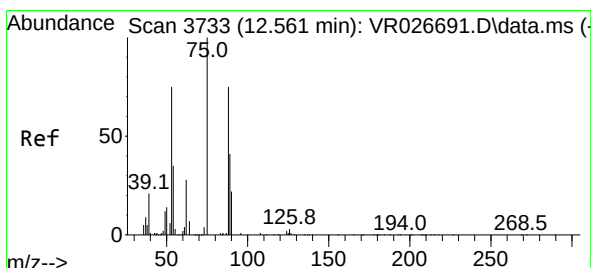
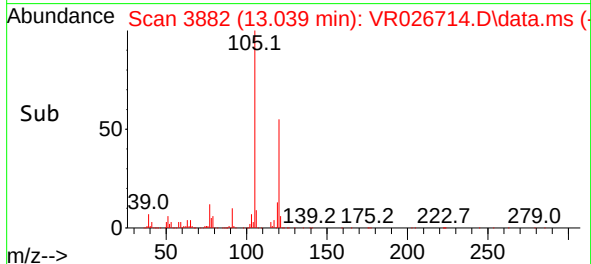
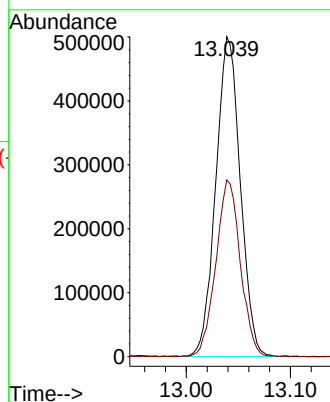
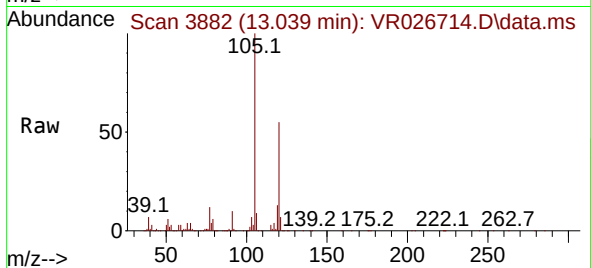
120 55.2 26.6 79.7

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: 44.817 ug/l

RT: 12.545 min Scan# 3728

Delta R.T. -0.016 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

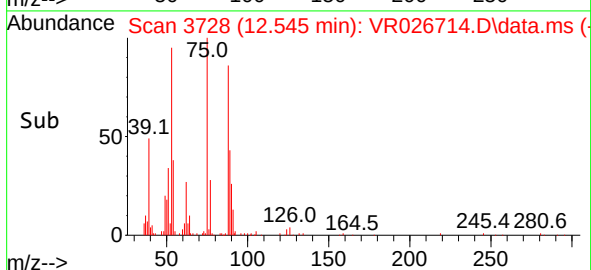
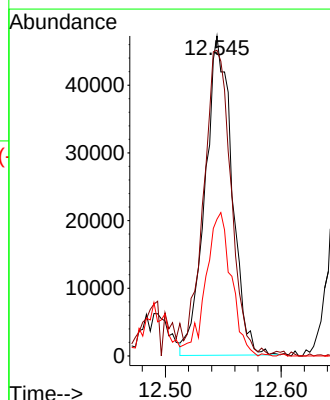
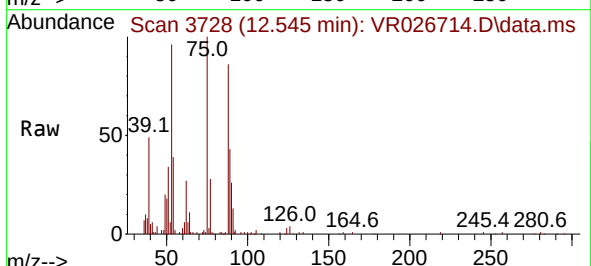
Tgt Ion: 75 Resp: 76221

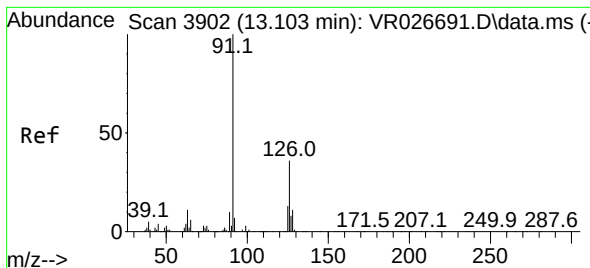
Ion Ratio Lower Upper

75 100

53 96.7 67.8 101.6

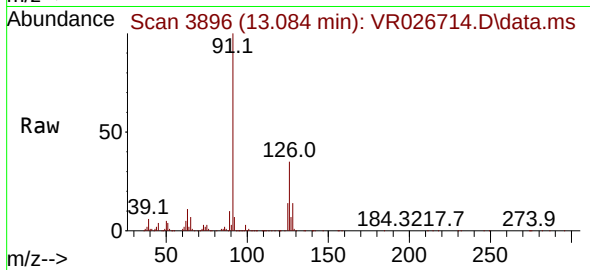
89 42.3 34.6 52.0





#81
4-Chlorotoluene
Concen: 47.895 ug/l
RT: 13.084 min Scan# 3902
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

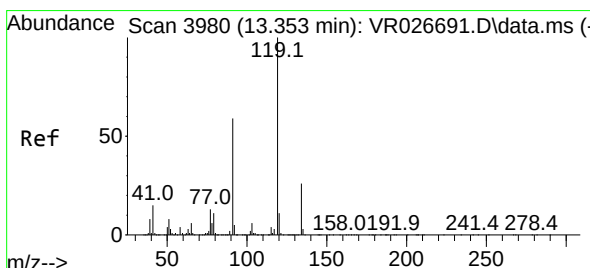
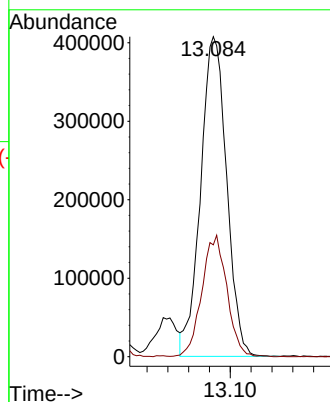
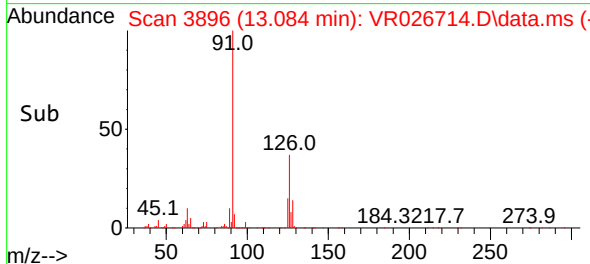
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



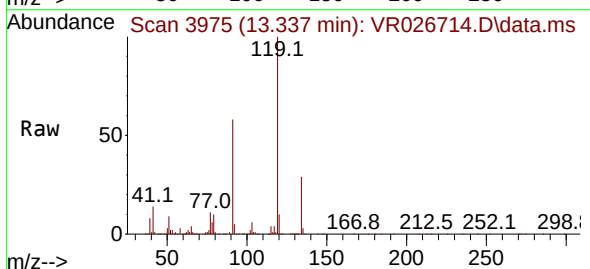
Tgt Ion: 91 Resp: 70540
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.3

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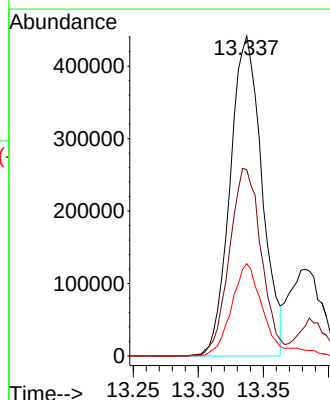
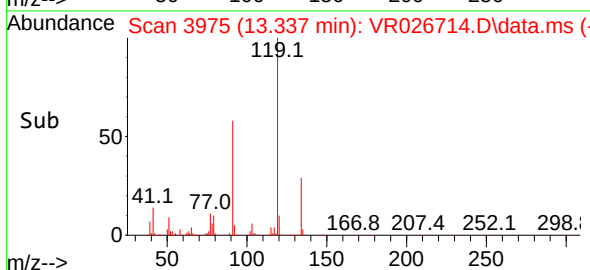
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

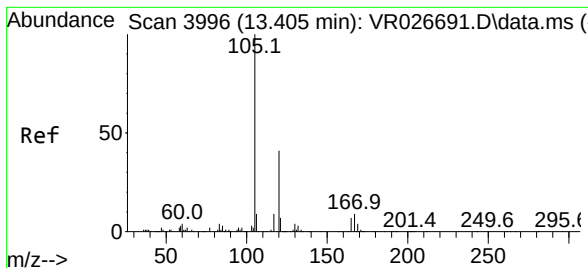


#82
tert-Butylbenzene
Concen: 49.636 ug/l
RT: 13.337 min Scan# 3975
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



Tgt Ion:119 Resp: 751965
Ion Ratio Lower Upper
119 100
91 58.9 29.9 89.7
134 29.3 13.5 40.4





#83

1,2,4-Trimethylbenzene

Concen: 50.817 ug/l

RT: 13.385 min Scan# 3996

Delta R.T. -0.019 min

Lab File: VR026714.D

Acq: 6 Aug 2025 13:29

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 83782

Ion Ratio Lower Upper

105 100

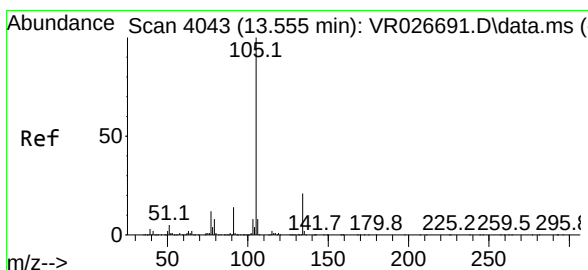
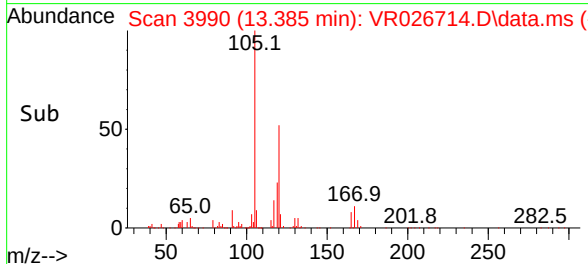
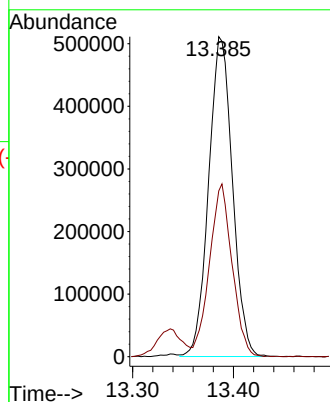
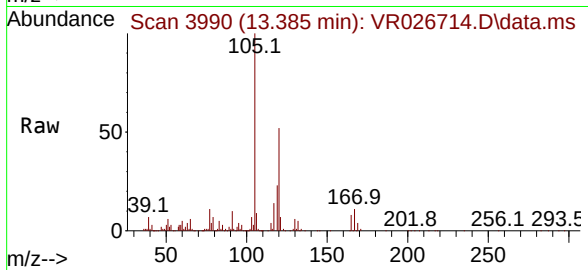
120 51.1 25.0 75.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025

Supervised By :Semsettin Yesilyurt 08/07/2025



#84

sec-Butylbenzene

Concen: 51.441 ug/l

RT: 13.539 min Scan# 4038

Delta R.T. -0.016 min

Lab File: VR026714.D

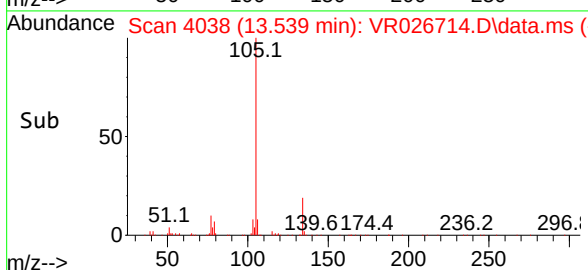
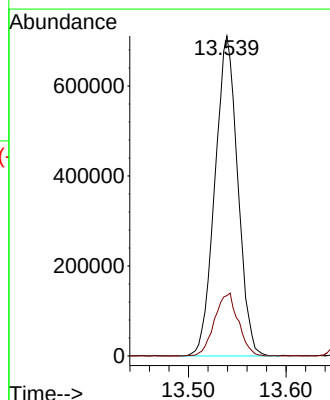
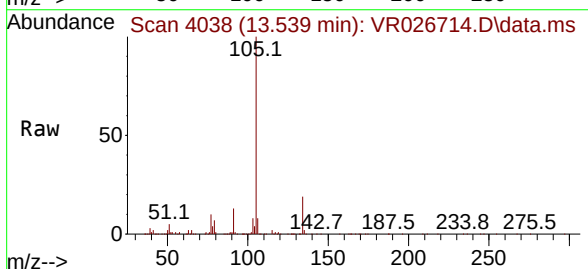
Acq: 6 Aug 2025 13:29

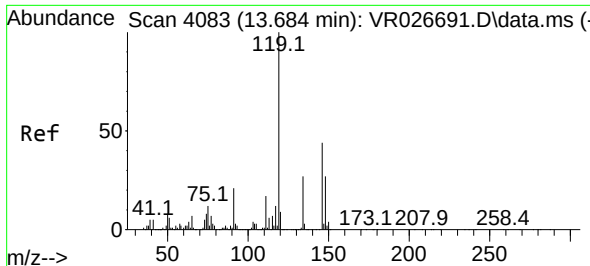
Tgt Ion:105 Resp: 1155731

Ion Ratio Lower Upper

105 100

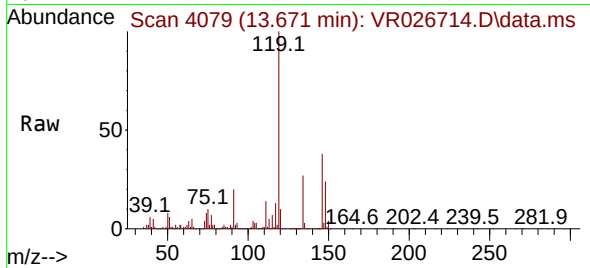
134 20.4 10.4 31.1





#85
p-Isopropyltoluene
Concen: 52.647 ug/l
RT: 13.671 min Scan# 4079
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

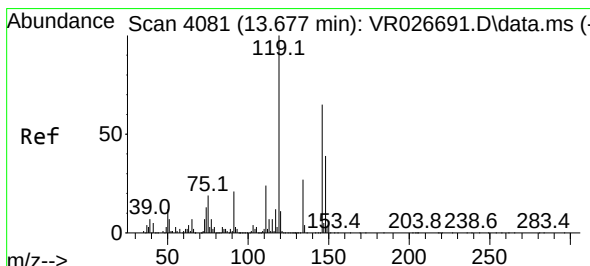
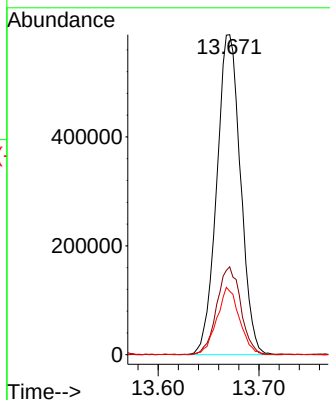
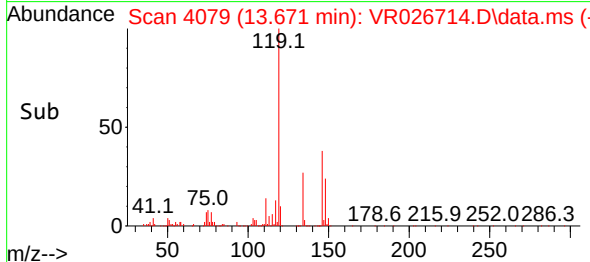
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



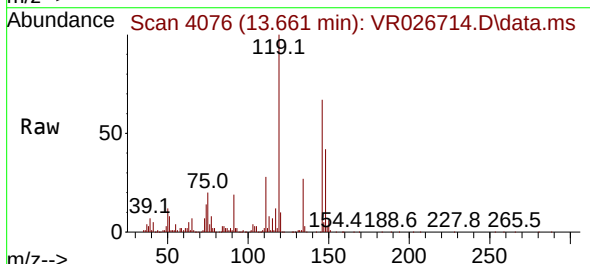
Tgt Ion:119 Resp: 964419
Ion Ratio Lower Upper
119 100
134 27.6 13.9 41.7
91 19.9 10.4 31.2

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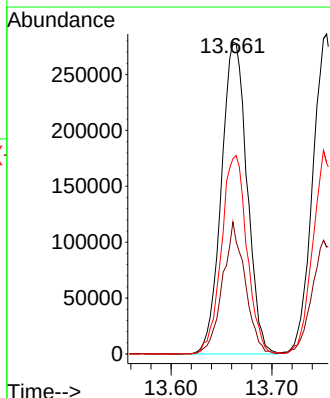
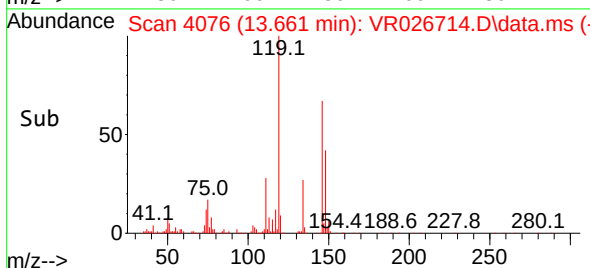
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

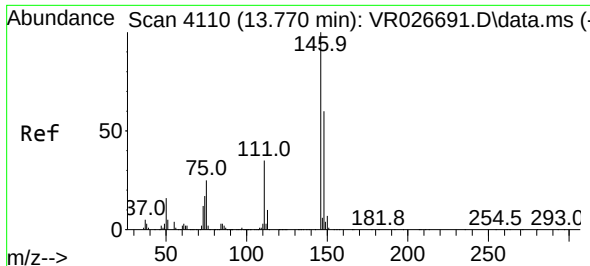


#86
1,3-Dichlorobenzene
Concen: 51.196 ug/l
RT: 13.661 min Scan# 4076
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



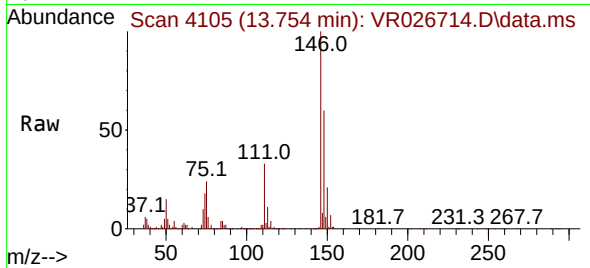
Tgt Ion:146 Resp: 494732
Ion Ratio Lower Upper
146 100
111 37.3 19.4 58.2
148 63.2 31.4 94.3





#87
1,4-Dichlorobenzene
Concen: 51.331 ug/l
RT: 13.754 min Scan# 4110
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

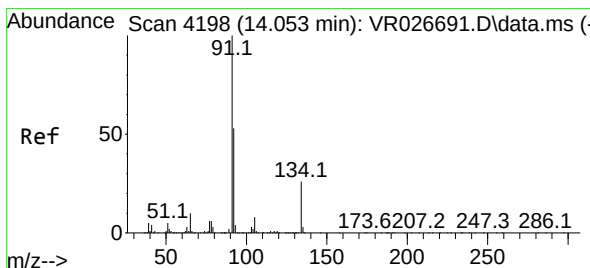
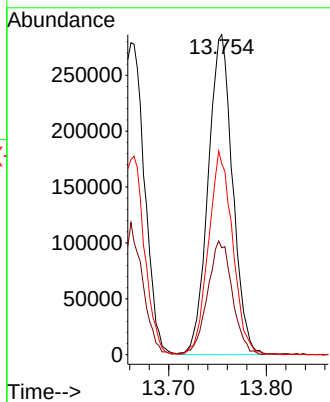
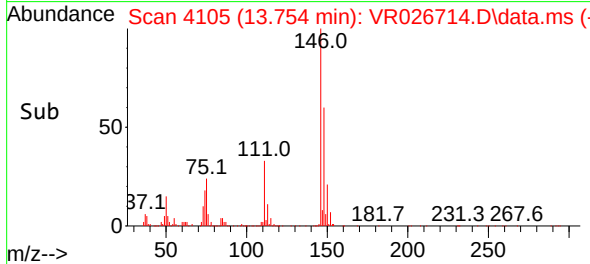
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 49787
Ion Ratio Lower Upper
146 100
111 36.0 19.1 57.3
148 63.1 32.6 97.8

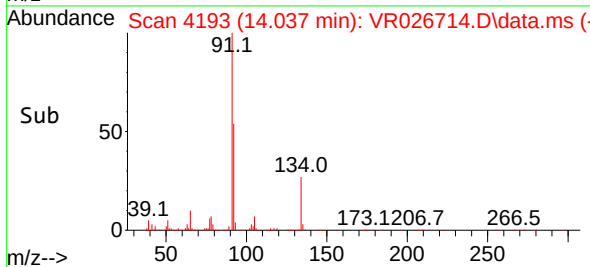
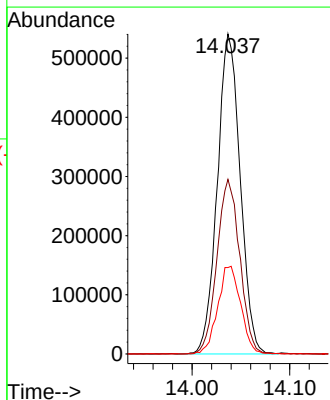
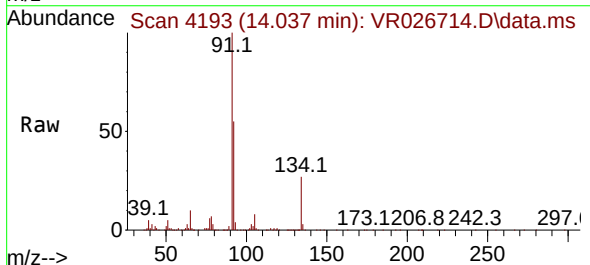
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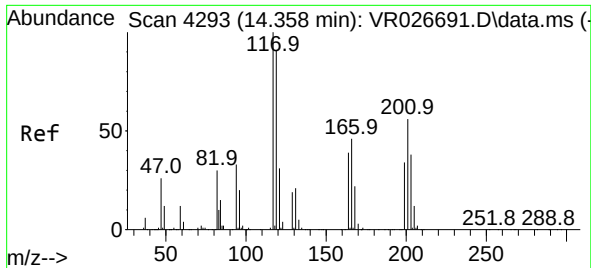
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#88
n-Butylbenzene
Concen: 52.154 ug/l
RT: 14.037 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

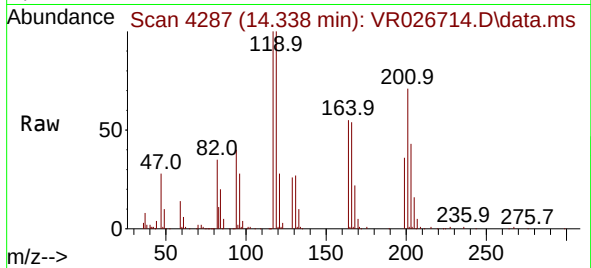
Tgt Ion: 91 Resp: 880564
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 27.5 13.1 39.3





#89
Hexachloroethane
Concen: 48.246 ug/l
RT: 14.338 min Scan# 411
Delta R.T. -0.019 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

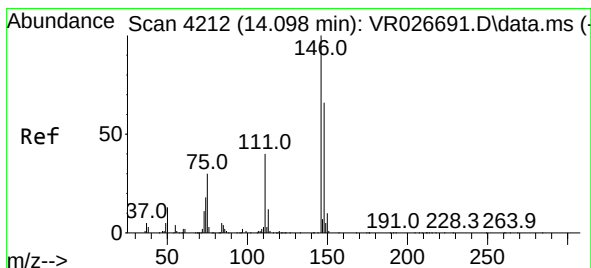
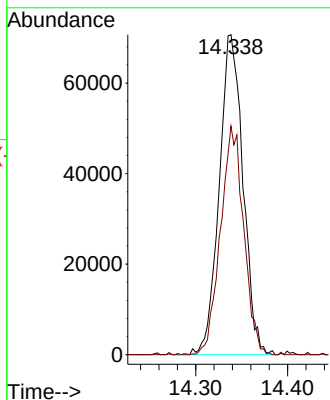
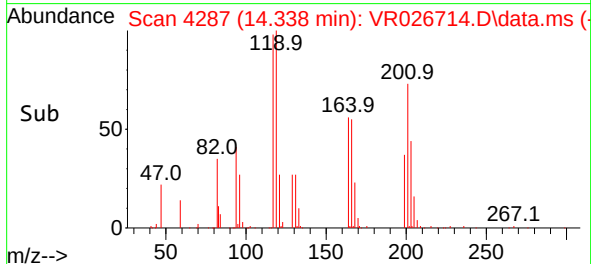
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



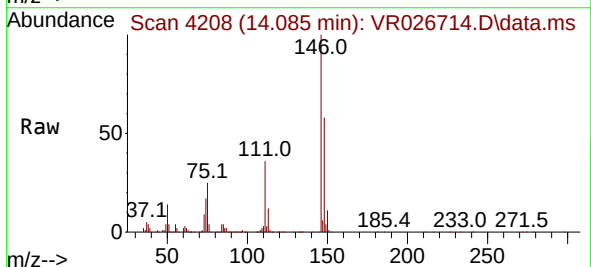
Tgt Ion:117 Resp: 12691
Ion Ratio Lower Upper
117 100
201 69.7 30.6 92.0

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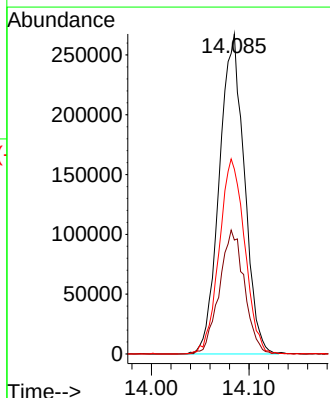
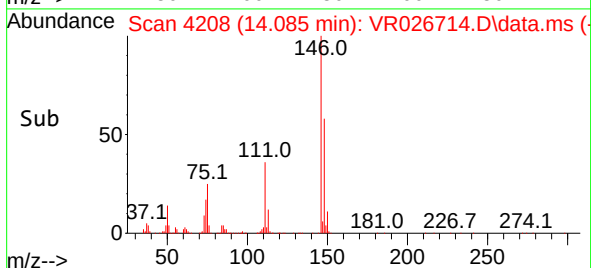
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025

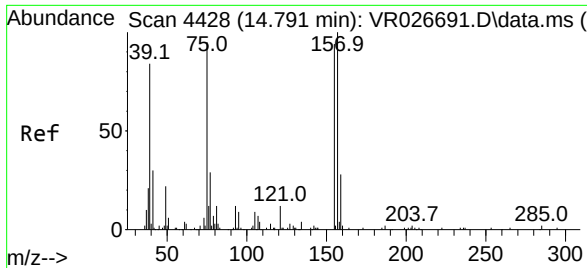


#90
1,2-Dichlorobenzene
Concen: 52.344 ug/l
RT: 14.085 min Scan# 4208
Delta R.T. -0.013 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29



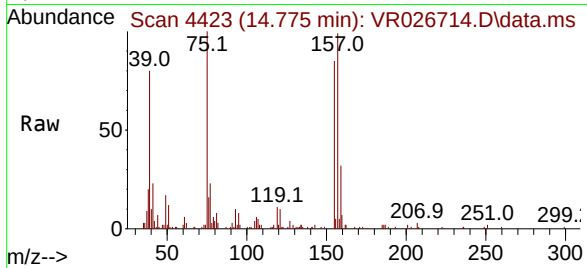
Tgt Ion:146 Resp: 475076
Ion Ratio Lower Upper
146 100
111 38.8 20.0 60.0
148 62.4 32.4 97.0





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 51.244 ug/l
 RT: 14.775 min Scan# 4428
 Delta R.T. -0.016 min
 Lab File: VR026714.D
 Acq: 6 Aug 2025 13:29

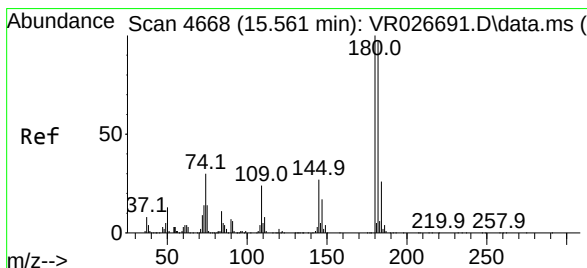
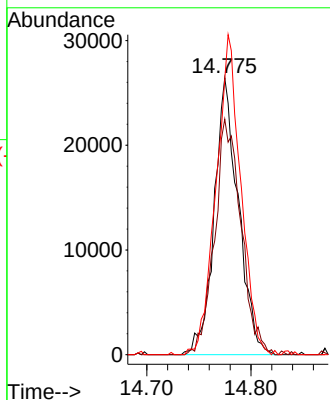
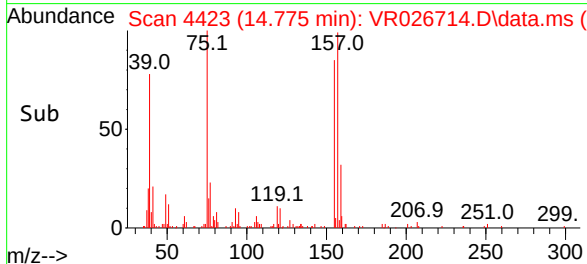
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050



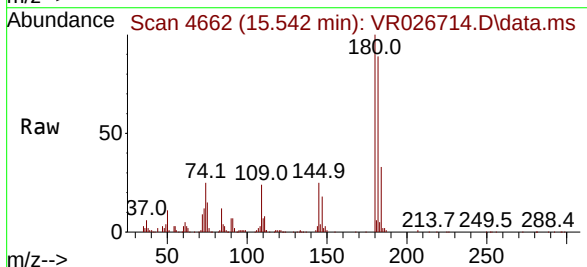
Tgt Ion: 75 Resp: 4264
 Ion Ratio Lower Upper
 75 100
 155 93.0 48.0 144.2
 157 118.2 59.5 178.4

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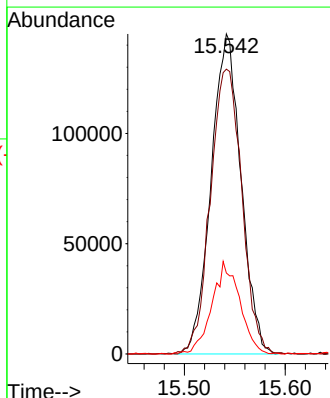
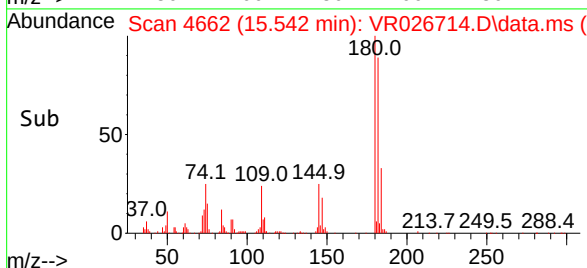
Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

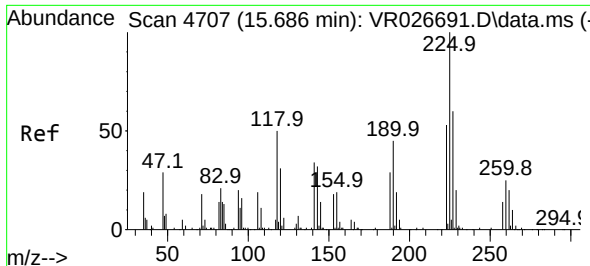


#92
 1,2,4-Trichlorobenzene
 Concen: 55.125 ug/l
 RT: 15.542 min Scan# 4662
 Delta R.T. -0.019 min
 Lab File: VR026714.D
 Acq: 6 Aug 2025 13:29



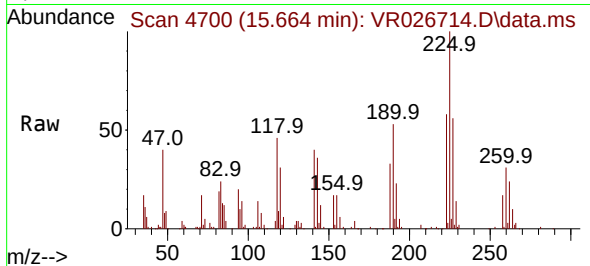
Tgt Ion:180 Resp: 299168
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.0 141.0
 145 26.9 15.2 45.5





#93
Hexachlorobutadiene
Concen: 54.196 ug/l
RT: 15.664 min Scan# 4700
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

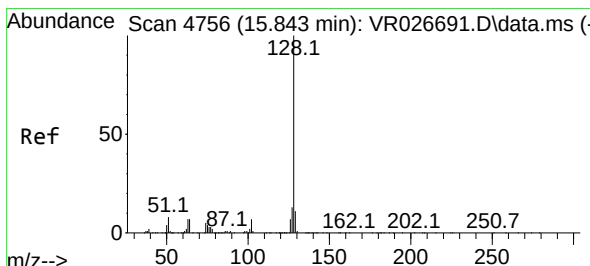
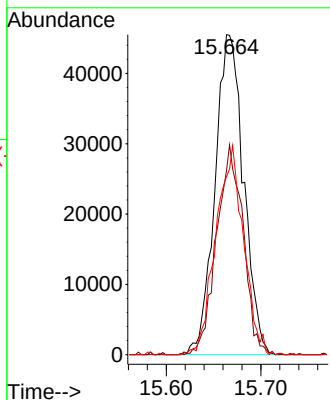
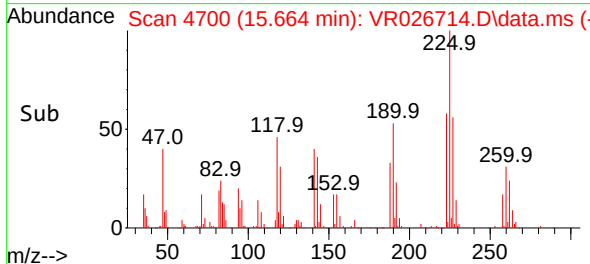
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion:225 Resp: 95568
Ion Ratio Lower Upper
225 100
223 61.0 31.4 94.2
227 63.0 31.6 95.0

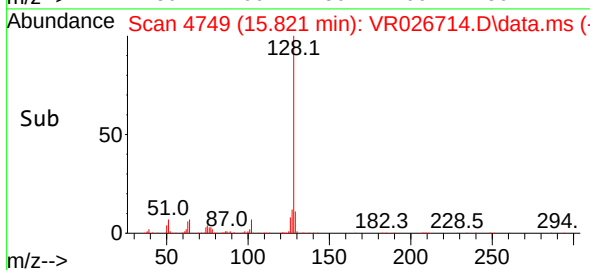
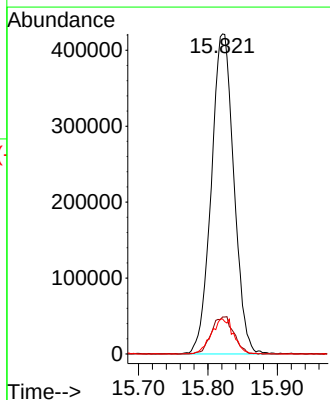
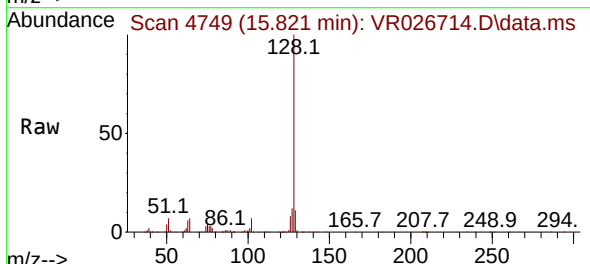
Manual Integrations
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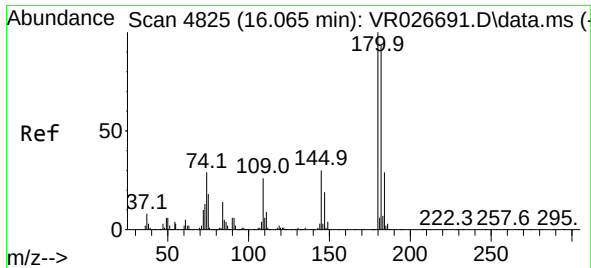
Reviewed By :Mahesh Dadoda 08/07/2025
Supervised By :Semsettin Yesilyurt 08/07/2025



#94
Naphthalene
Concen: 57.251 ug/l
RT: 15.821 min Scan# 4749
Delta R.T. -0.022 min
Lab File: VR026714.D
Acq: 6 Aug 2025 13:29

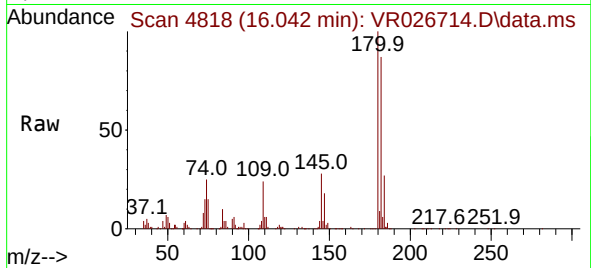
Tgt Ion:128 Resp: 952148
Ion Ratio Lower Upper
128 100
127 11.6 9.8 14.8
129 10.9 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 57.463 ug/l
 RT: 16.042 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VR026714.D
 Acq: 6 Aug 2025 13:29

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.2	141.6
145	16.0	15.5	46.5

Manual Integrations
 APPROVED

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