

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088062.D
 Acq On : 17 Oct 2025 12:34
 Operator : JC\MD
 Sample : Q3361-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA 251015111-01

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN088062.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.312	54	61	76	rVB	511457	939463	8.24%	1.730%
2	3.789	305	312	327	rVB2	42686	138967	1.22%	0.256%
3	4.418	407	419	434	rBV	2236358	6941844	60.89%	12.784%
4	4.712	455	469	490	rBV	650156	2239717	19.65%	4.125%
5	5.518	588	606	633	rBV	3123098	11400174	100.00%	20.994%
6	6.724	801	811	823	rBV3	45995	149634	1.31%	0.276%
7	7.430	917	931	933	rBV	4060541	9770964	85.71%	17.994%
8	7.771	978	989	992	rBV	1406245	3238329	28.41%	5.964%
9	7.818	993	997	1017	rVB	1977440	5099088	44.73%	9.390%
10	8.565	1110	1124	1134	rBV4	194194	860444	7.55%	1.585%
11	8.641	1134	1137	1150	rVB3	92480	231173	2.03%	0.426%
12	8.947	1180	1189	1199	rBV	53189	118539	1.04%	0.218%
13	9.077	1202	1211	1224	rBV	326567	700422	6.14%	1.290%
14	9.253	1231	1241	1258	rBV	235622	617790	5.42%	1.138%
15	9.512	1279	1285	1294	rVB	104784	214849	1.88%	0.396%
16	9.647	1298	1308	1318	rBV	66927	190716	1.67%	0.351%
17	10.424	1432	1440	1450	rVV3	110810	272364	2.39%	0.502%
18	10.541	1453	1460	1466	rVV	536475	1039283	9.12%	1.914%
19	10.606	1466	1471	1484	rVV2	367203	873854	7.67%	1.609%
20	11.059	1539	1548	1555	rBV4	62181	156291	1.37%	0.288%
21	11.147	1556	1563	1576	rVB	309764	588278	5.16%	1.083%
22	11.841	1673	1681	1692	rVV	442980	923623	8.10%	1.701%
23	11.941	1692	1698	1708	rVB2	291063	536986	4.71%	0.989%
24	12.047	1708	1716	1725	rBV	250724	480120	4.21%	0.884%
25	12.376	1765	1772	1780	rBV	161111	300467	2.64%	0.553%
26	12.829	1842	1849	1858	rVB	325835	615503	5.40%	1.133%
27	13.176	1899	1908	1916	rVB6	50804	147429	1.29%	0.271%
28	13.459	1950	1956	1969	rBV	100138	203712	1.79%	0.375%
29	13.582	1970	1977	1983	rBV2	89635	158525	1.39%	0.292%
30	13.706	1990	1998	2004	rVB	250704	447961	3.93%	0.825%
31	13.794	2004	2013	2015	rVV3	100449	192822	1.69%	0.355%
32	13.829	2015	2019	2029	rVB2	368848	640747	5.62%	1.180%
33	13.970	2038	2043	2056	rVB2	83013	183836	1.61%	0.339%
34	14.241	2082	2089	2090	rBV2	149012	243359	2.13%	0.448%
35	14.270	2091	2094	2104	rVB	240459	466973	4.10%	0.860%
36	14.435	2113	2122	2130	rBV6	55780	171047	1.50%	0.315%

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VOA 251015111-01

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	14.647	2148	2158	2176	rBV	1337561	2650139	23.25%	4.880%
38	14.923	2198	2205	2211	rBV7	58775	156613	1.37%	0.288%

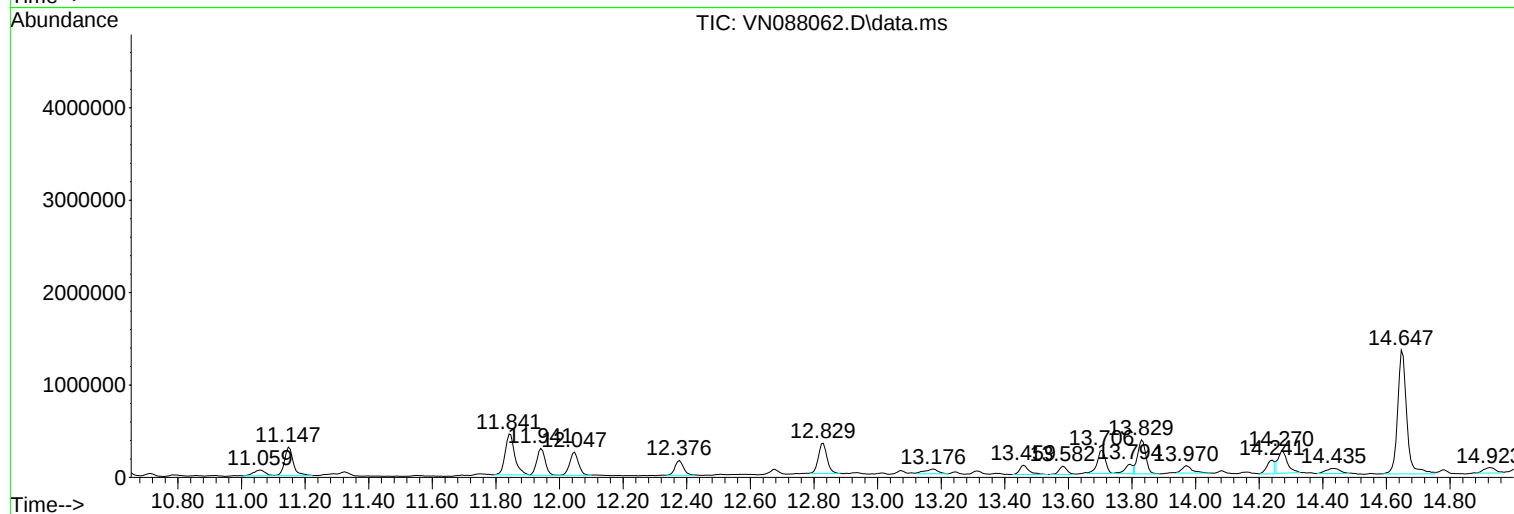
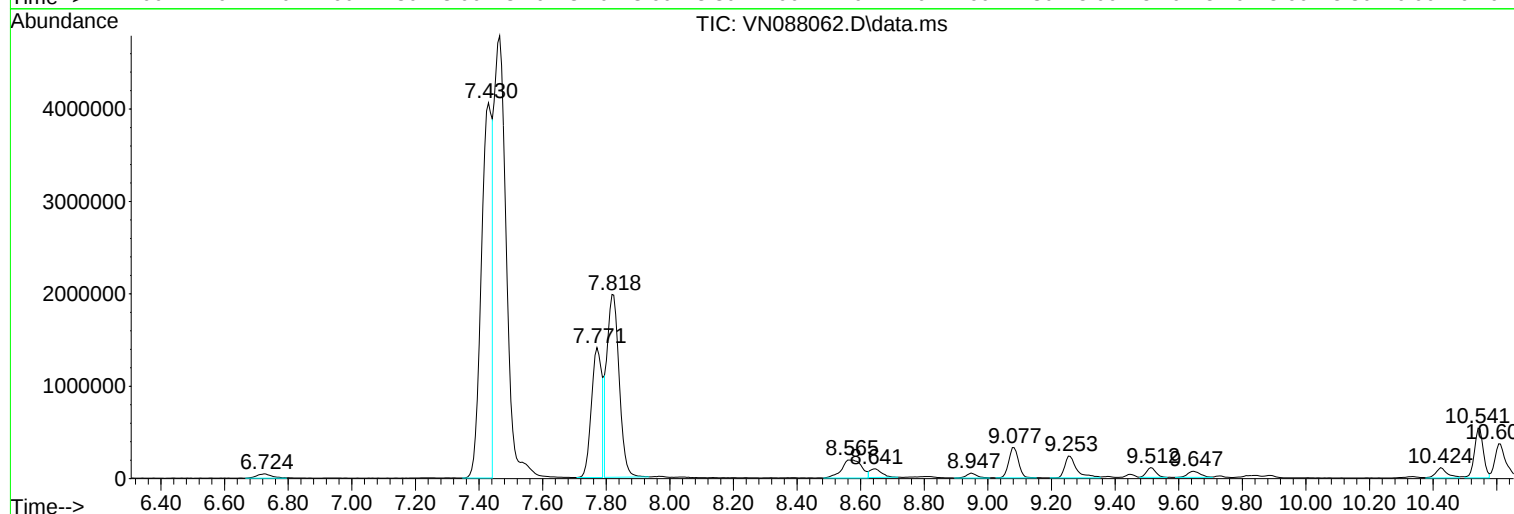
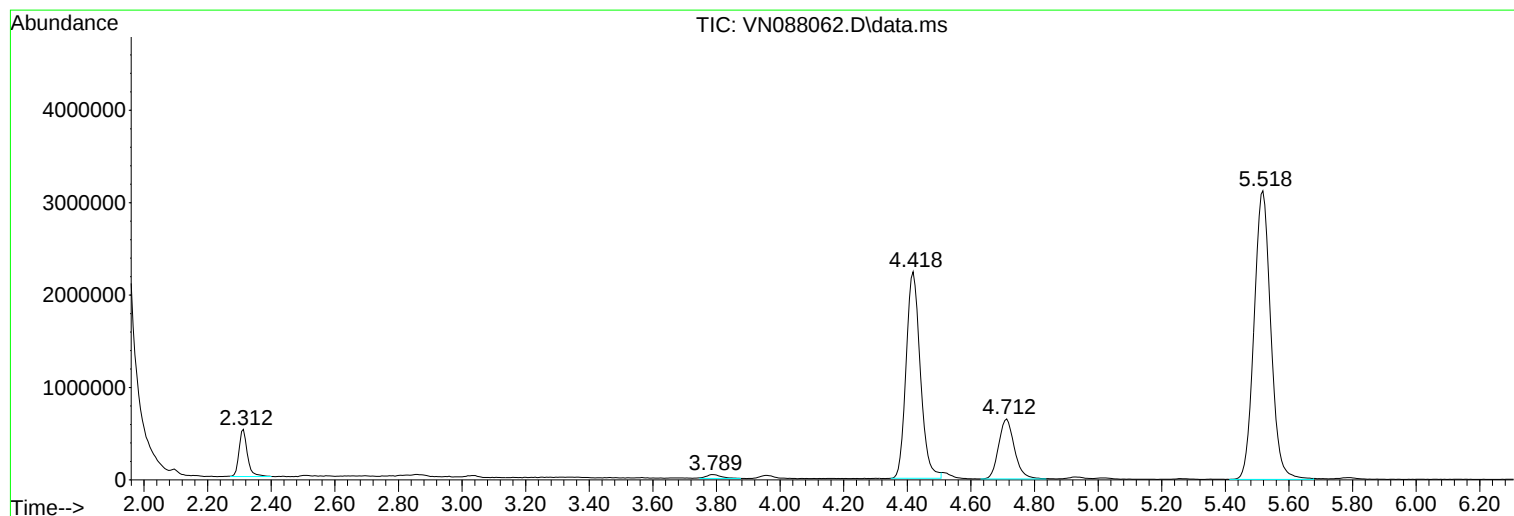
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_N
ClientSampleId :
VOA 251015111-01

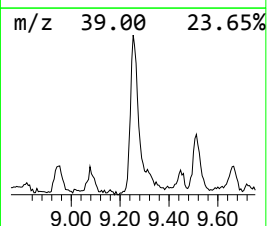
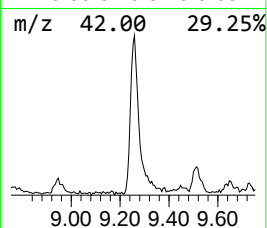
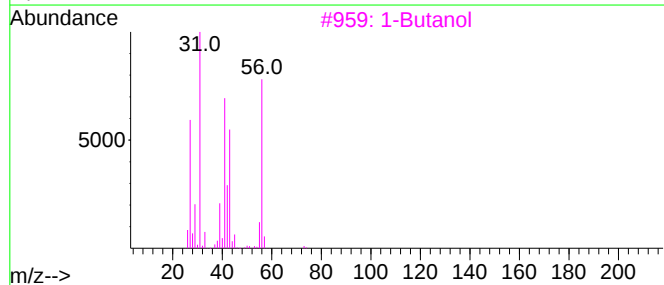
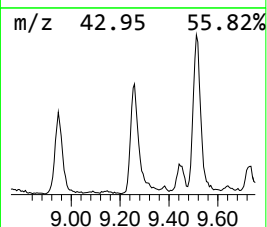
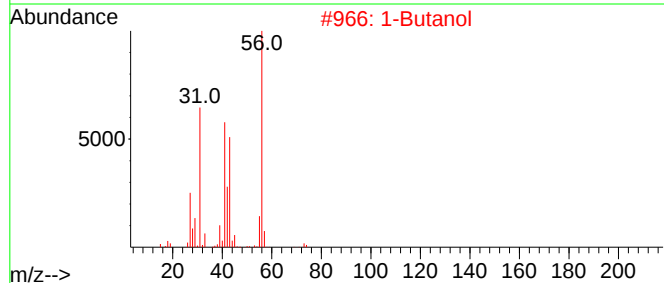
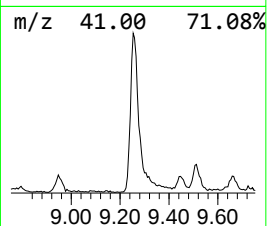
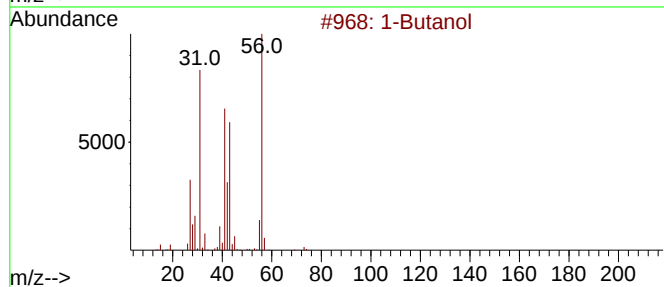
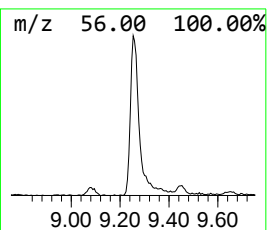
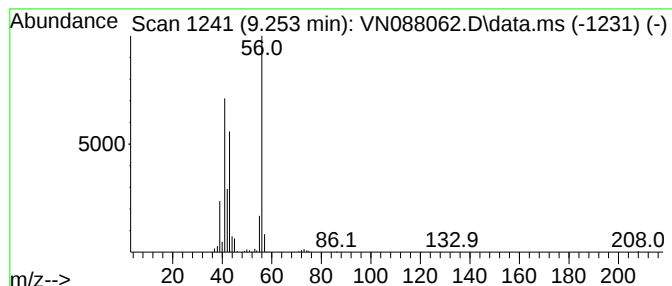
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.253	26.46 ug/l	617790	1,4-Difluorobenzene	9.083

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	91
2	1-Butanol			74	C4H10O	000071-36-3	90
3	1-Butanol			74	C4H10O	000071-36-3	78
4	1-Butanol			74	C4H10O	000071-36-3	50
5	1-Butanol			74	C4H10O	000071-36-3	49



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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA 251015111-01

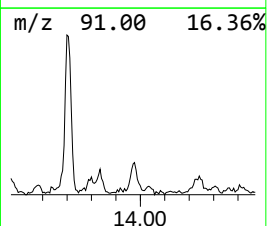
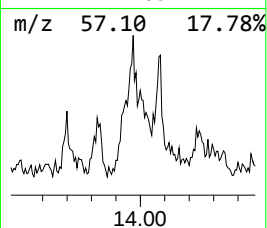
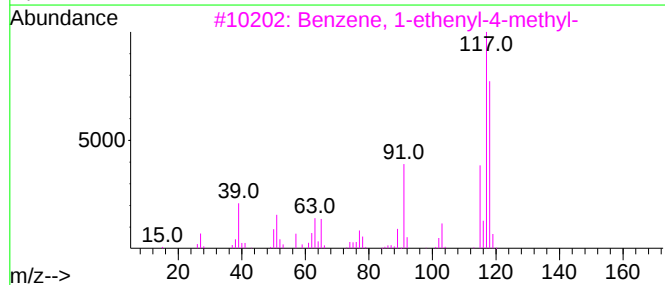
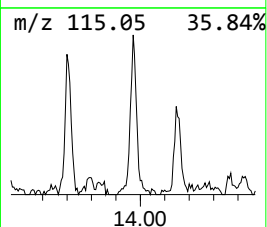
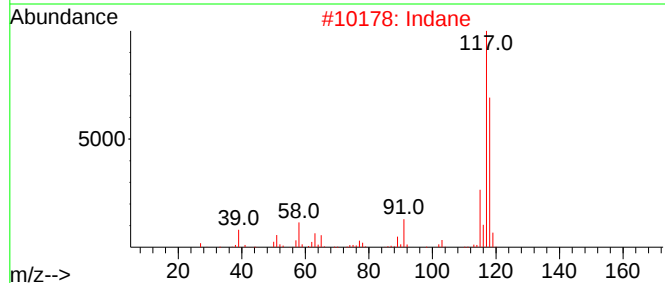
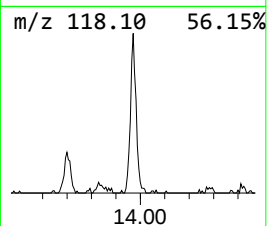
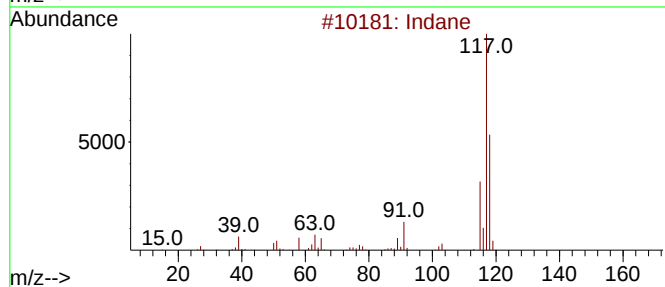
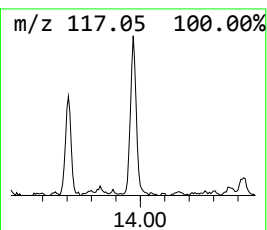
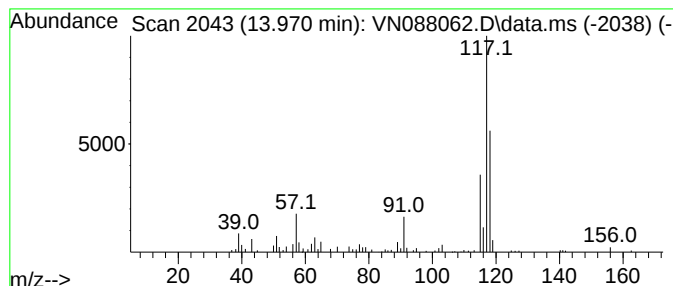
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	5.97 ug/l	183836	Chlorobenzene-d5	11.847

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Indane	118	C9H10	000496-11-7	87
3			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81



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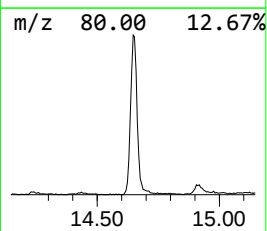
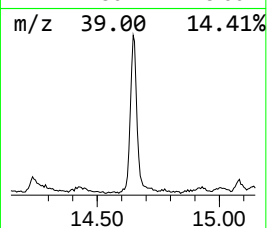
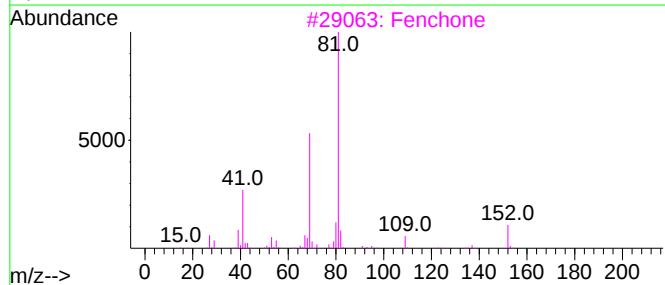
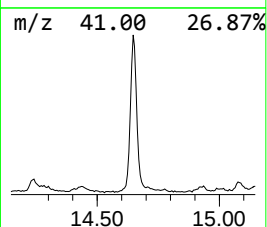
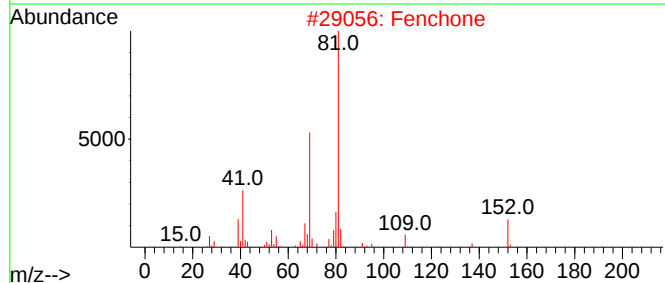
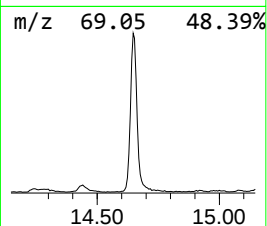
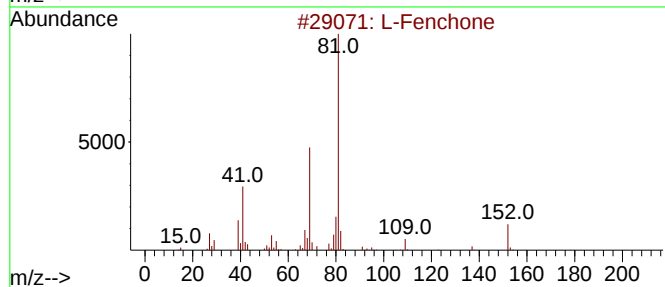
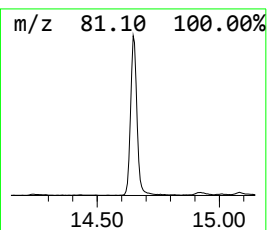
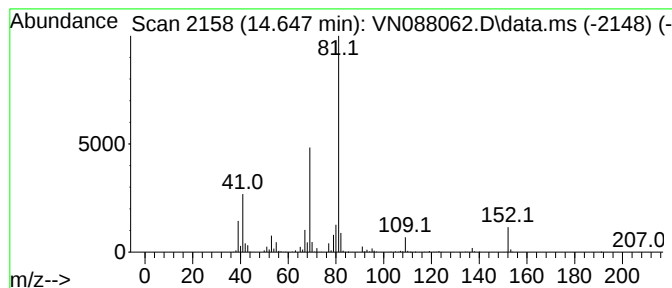
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TIC Library : C:\Database\NIST20.L
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Peak Number 10 L-Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.647	86.08 ug/l	2650140	Chlorobenzene-d5	11.847

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Fenchone	152	C10H16O	007787-20-4	95
2			Fenchone	152	C10H16O	001195-79-5	95
3			Fenchone	152	C10H16O	001195-79-5	95
4			L-Fenchone	152	C10H16O	007787-20-4	94
5			D-Fenchone	152	C10H16O	004695-62-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Butanol	9.253	26.5	ug/l	617790	2	9.083	700422	30.0
Indane	13.970	6.0	ug/l	183836	3	11.847	923623	30.0
L-Fenchone	14.647	86.1	ug/l	2650140	3	11.847	923623	30.0