

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061488.D
 Acq On : 23 Jan 2019 17:43
 Operator : VA/AP
 Sample : K1223-06
 Misc : 4.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-R

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.072	41	45	49	rBV5	6922	18223	2.35%	0.393%
2	2.177	154	157	159	rVV3	9195	16152	2.09%	0.349%
3	2.236	159	163	171	rVB	21647	65956	8.52%	1.424%
4	4.110	346	353	365	rVV	116902	369236	47.67%	7.971%
5	4.327	365	375	388	rVB	52090	180161	23.26%	3.889%
6	4.692	410	412	414	rBV	14451	9392	1.21%	0.203%
7	4.741	415	417	420	rBV	31677	24276	3.13%	0.524%
8	4.860	420	429	444	rVB2	207307	774542	100.00%	16.720%
9	5.590	495	503	516	rBV	248419	663278	85.63%	14.318%
10	6.260	565	571	576	rBV5	5876	21320	2.75%	0.460%
11	6.438	581	589	598	rBV4	10078	42048	5.43%	0.908%
12	6.892	632	635	642	rVB	5522	15493	2.00%	0.334%
13	7.138	654	660	666	rVB5	6186	18188	2.35%	0.393%
14	7.553	696	702	711	rBV	282194	683292	88.22%	14.750%
15	9.506	896	900	908	rVB6	2693	9261	1.20%	0.200%
16	9.772	921	927	941	rBV	273347	611661	78.97%	13.204%
17	10.847	1032	1036	1041	rVB	13796	28690	3.70%	0.619%
18	11.410	1089	1093	1101	rBV	209771	354025	45.71%	7.642%
19	11.577	1105	1110	1115	rVB3	27277	54039	6.98%	1.167%
20	11.656	1115	1118	1122	rBV3	5407	10142	1.31%	0.219%
21	12.278	1178	1181	1188	rBV6	13235	30700	3.96%	0.663%
22	12.455	1192	1199	1203	rBV	16676	28132	3.63%	0.607%
23	12.544	1205	1208	1217	rVB	239212	402899	52.02%	8.697%
24	13.777	1329	1333	1337	rBV	41333	60572	7.82%	1.308%
25	14.073	1358	1363	1368	rBV3	2970	12184	1.57%	0.263%
26	14.428	1395	1399	1401	rBV	41304	70435	9.09%	1.520%
27	14.803	1434	1437	1442	rBV5	4764	10861	1.40%	0.234%
28	15.730	1529	1531	1537	rVV2	20293	33143	4.28%	0.715%
29	15.888	1540	1547	1552	rVB6	4353	14138	1.83%	0.305%

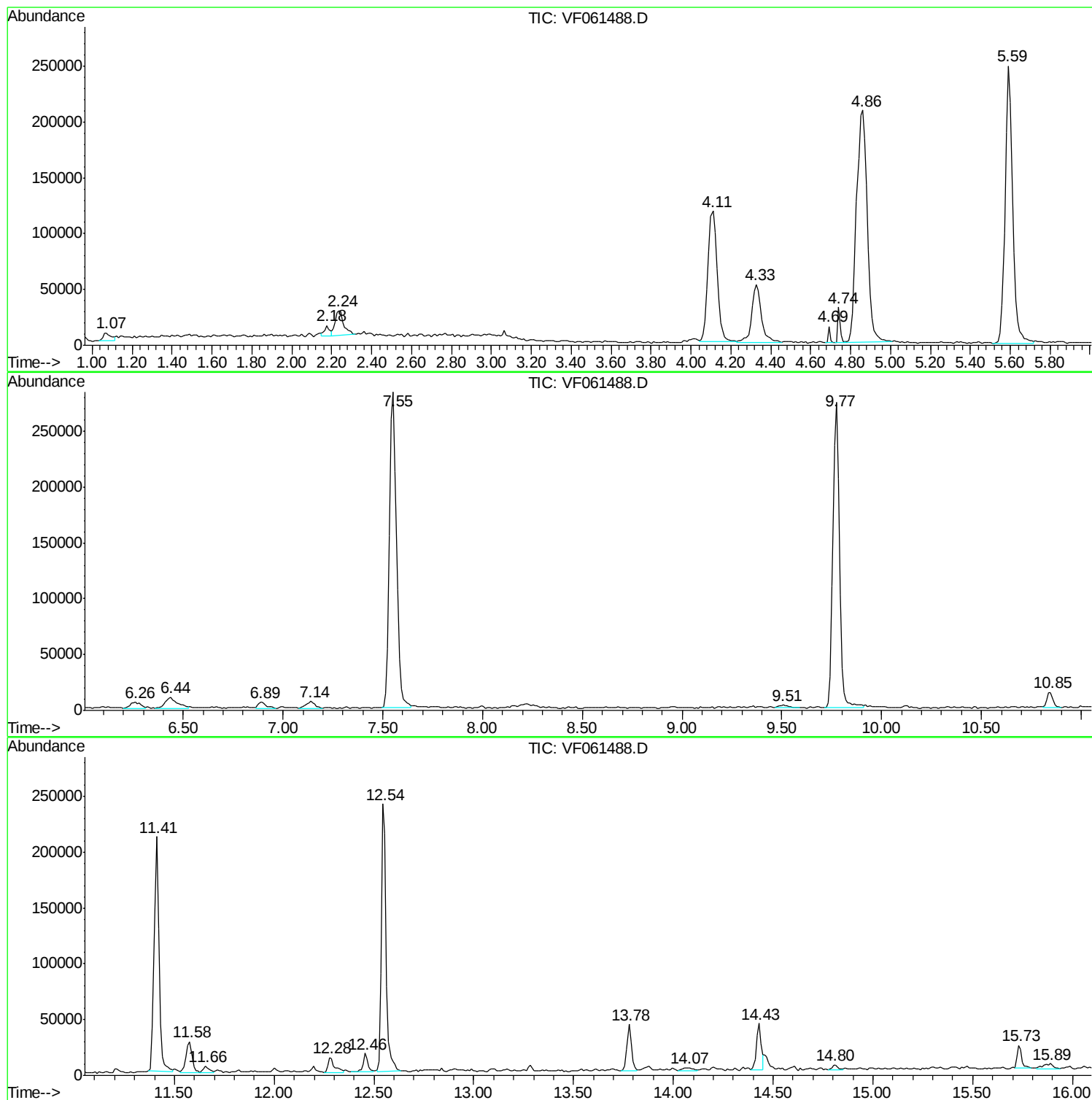
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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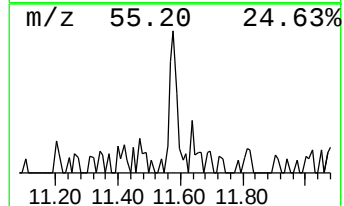
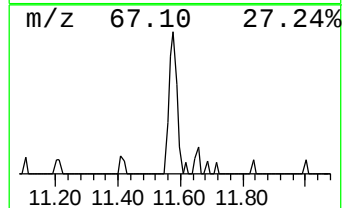
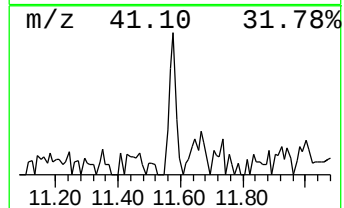
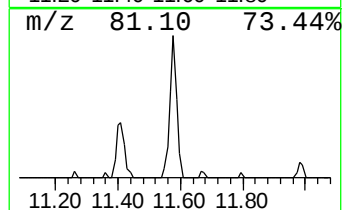
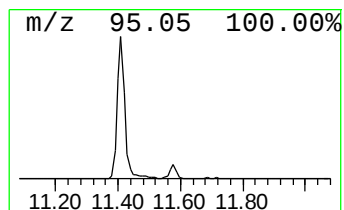
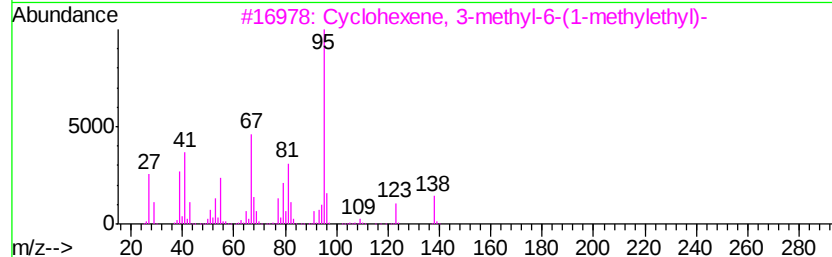
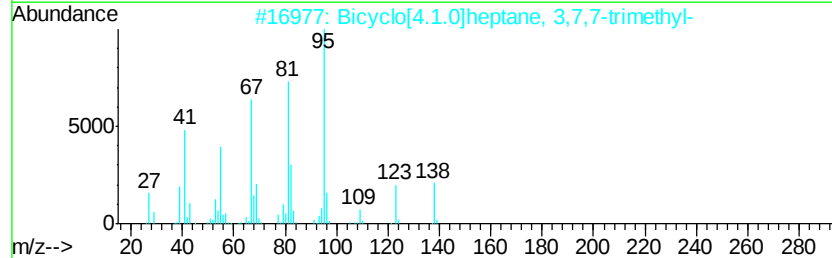
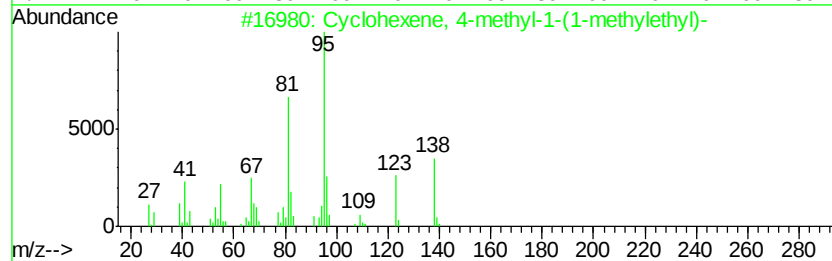
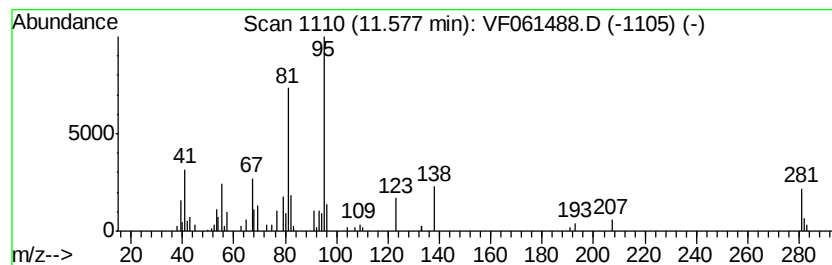
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	6.71 ug/l	54039	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	80
2		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	64
3		Cyclohexene, 3-methyl-6-(1-methyl-...	138	C10H18	005256-65-5	60
4		Cyclohexane, 1-methyl-3-(1-methyl-...	138	C10H18	013828-34-7	55
5		Cyclohexene, 3-methyl-6-(1-methyl-...	138	C10H18	001124-26-1	49



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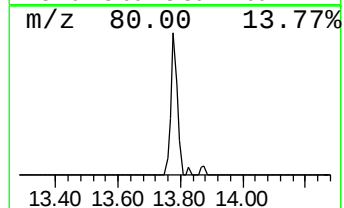
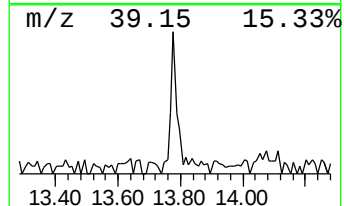
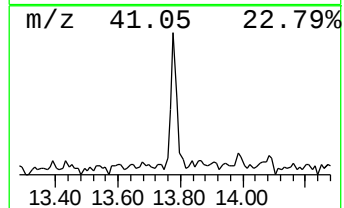
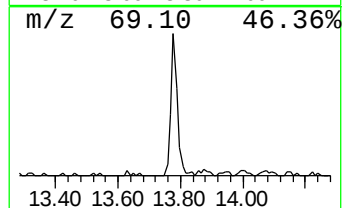
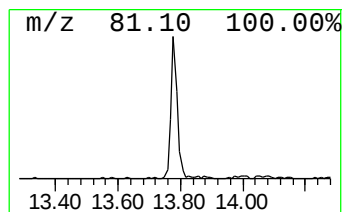
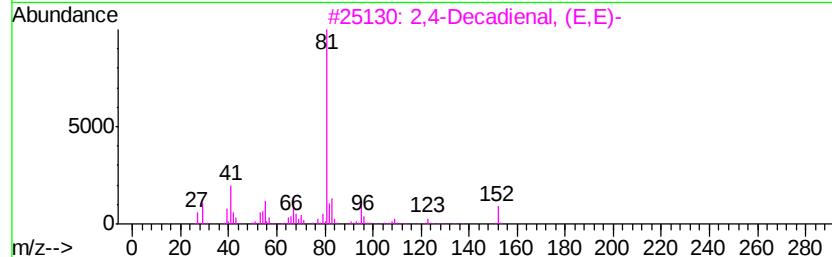
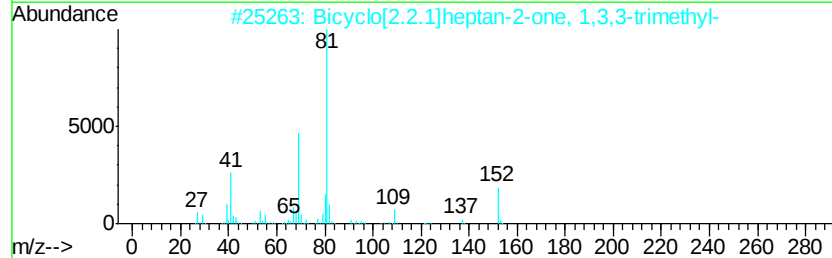
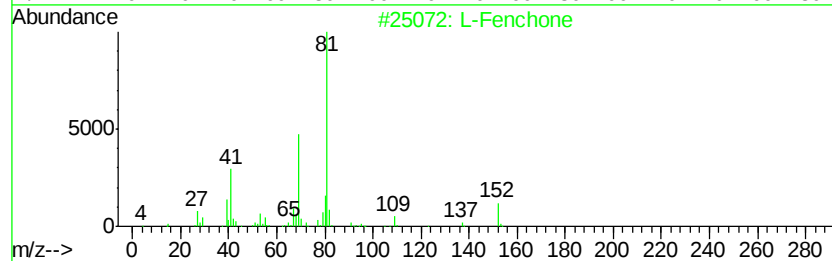
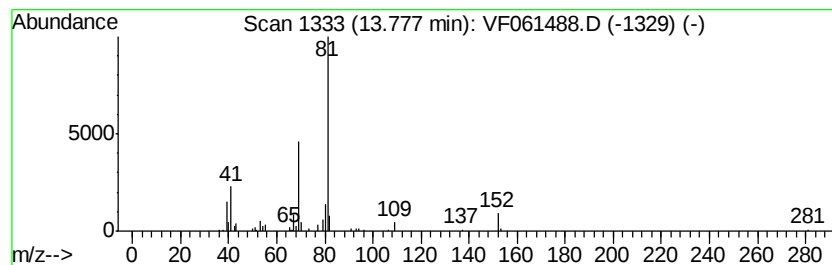
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Peak Number 2 L-Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	7.52 ug/l	60572	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	L-Fenchone	152	C10H16O	007787-20-4	91
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
3		2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	45
4		2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	40
5		Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	36



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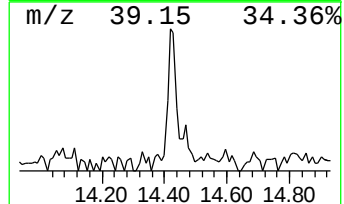
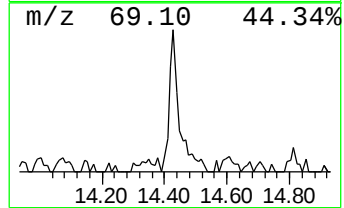
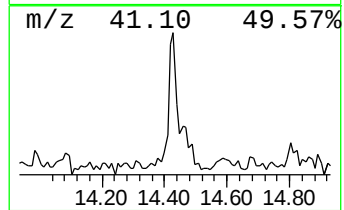
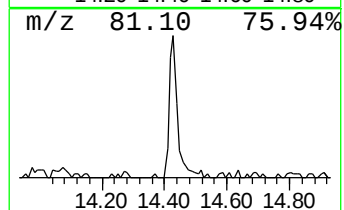
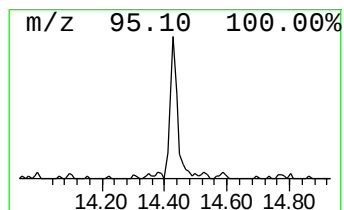
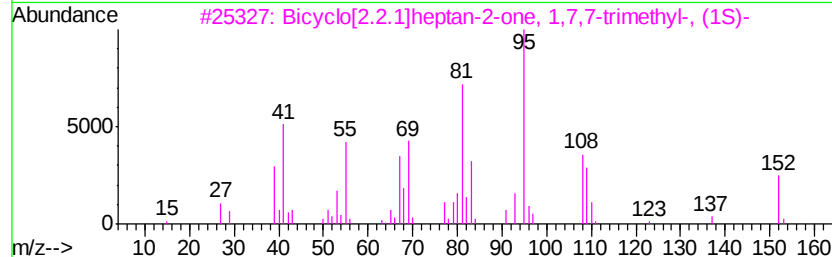
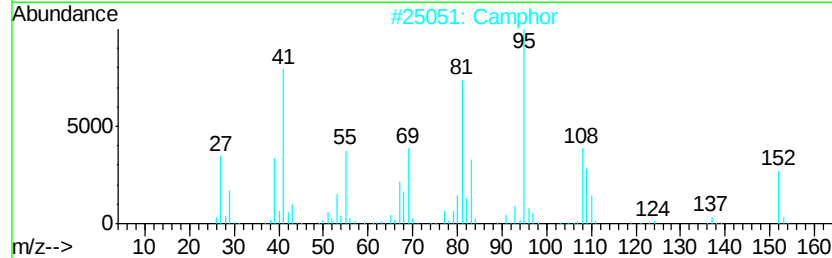
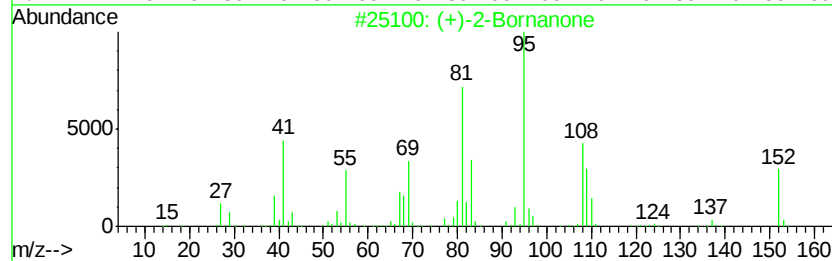
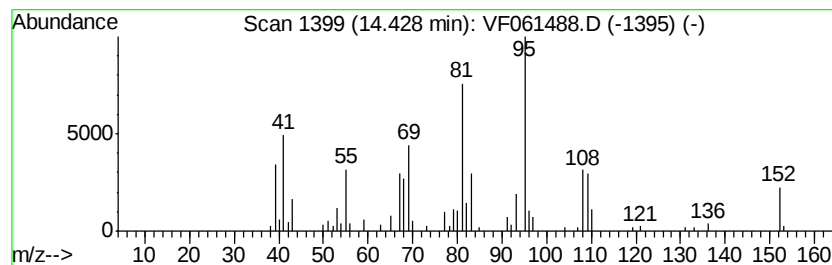
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Peak Number 3 (+)-2-Bornanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.43	8.74 ug/l	70435	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
2	Camphor	152	C10H16O	000076-22-2	93
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	43
5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexene, 4-me...	11.58	6.7	ug/l	54039	4	12.54	402899	50.0
L-Fenchone	13.78	7.5	ug/l	60572	4	12.54	402899	50.0
(+)-2-Bornanone	14.43	8.7	ug/l	70435	4	12.54	402899	50.0