

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021337.D
 Acq On : 26 Feb 2025 17:24
 Operator : SY/MD
 Sample : Q1415-04
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-172-SB02

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_Y\methods\82Y022525S.M

Title : SW846 8260

Signal : TIC: VY021337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.489	118	126	141	rBV10	8192	29291	1.24%	0.218%
2	2.836	174	183	196	rBV	121288	266964	11.33%	1.991%
3	3.866	338	352	369	rBV3	31706	107599	4.57%	0.802%
4	4.128	384	395	412	rBV3	11011	42374	1.80%	0.316%
5	4.616	459	475	477	rBV3	21350	54710	2.32%	0.408%
6	4.708	478	490	504	rVB	654190	2168493	92.03%	16.171%
7	6.890	835	848	859	rBV	49725	158440	6.72%	1.182%
8	7.634	960	970	976	rBV	245494	586943	24.91%	4.377%
9	7.707	976	982	998	rVB	360940	823553	34.95%	6.142%
10	8.061	1030	1040	1050	rBV	202770	442527	18.78%	3.300%
11	8.615	1122	1131	1147	rBV	640715	1247420	52.94%	9.303%
12	10.103	1367	1375	1384	rBV	946407	1628176	69.10%	12.142%
13	10.511	1434	1442	1449	rBV	213707	399582	16.96%	2.980%
14	10.640	1457	1463	1469	rVB	50255	81726	3.47%	0.609%
15	10.877	1496	1502	1511	rBV	31355	55756	2.37%	0.416%
16	10.969	1511	1517	1524	rVB	41059	65803	2.79%	0.491%
17	11.200	1549	1555	1567	rVB	68250	113634	4.82%	0.847%
18	11.414	1583	1590	1600	rBV	827016	1331779	56.52%	9.932%
19	11.505	1600	1605	1610	rVB	15901	23771	1.01%	0.177%
20	11.639	1617	1627	1636	rBV4	44418	88612	3.76%	0.661%
21	11.932	1668	1675	1682	rBV9	12576	34550	1.47%	0.258%
22	12.414	1747	1754	1764	rVB2	1235229	2356299	100.00%	17.572%
23	12.731	1801	1806	1812	rVV2	81523	122601	5.20%	0.914%
24	13.243	1881	1890	1894	rBV6	17482	44390	1.88%	0.331%
25	13.346	1898	1907	1914	rVB	497467	775885	32.93%	5.786%
26	13.676	1954	1961	1965	rBV4	54172	91958	3.90%	0.686%
27	13.889	1989	1996	2003	rVB2	107572	178791	7.59%	1.333%
28	14.175	2037	2043	2050	rBV5	21735	50260	2.13%	0.375%
29	14.535	2097	2102	2108	rVB2	26690	37535	1.59%	0.280%

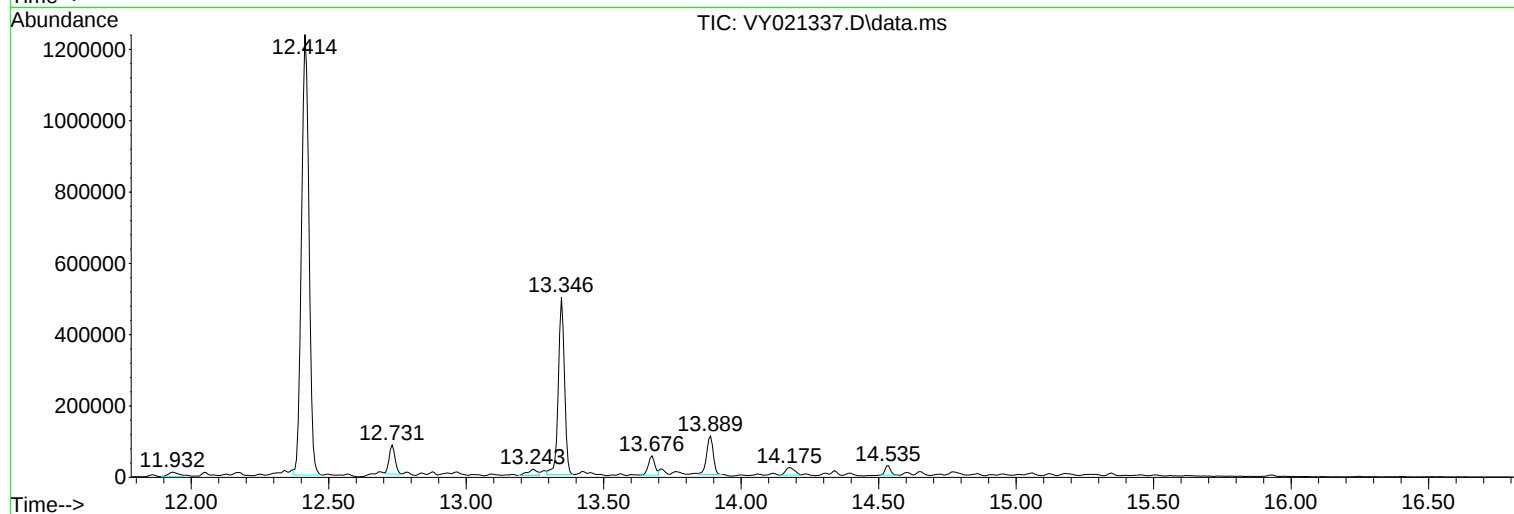
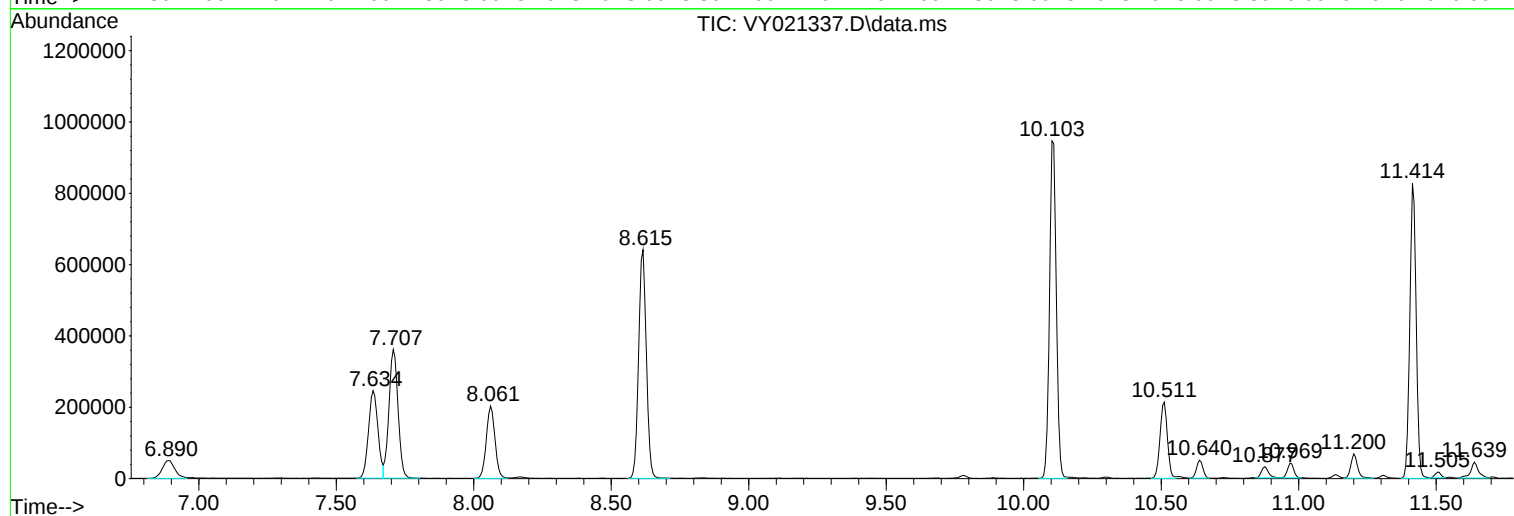
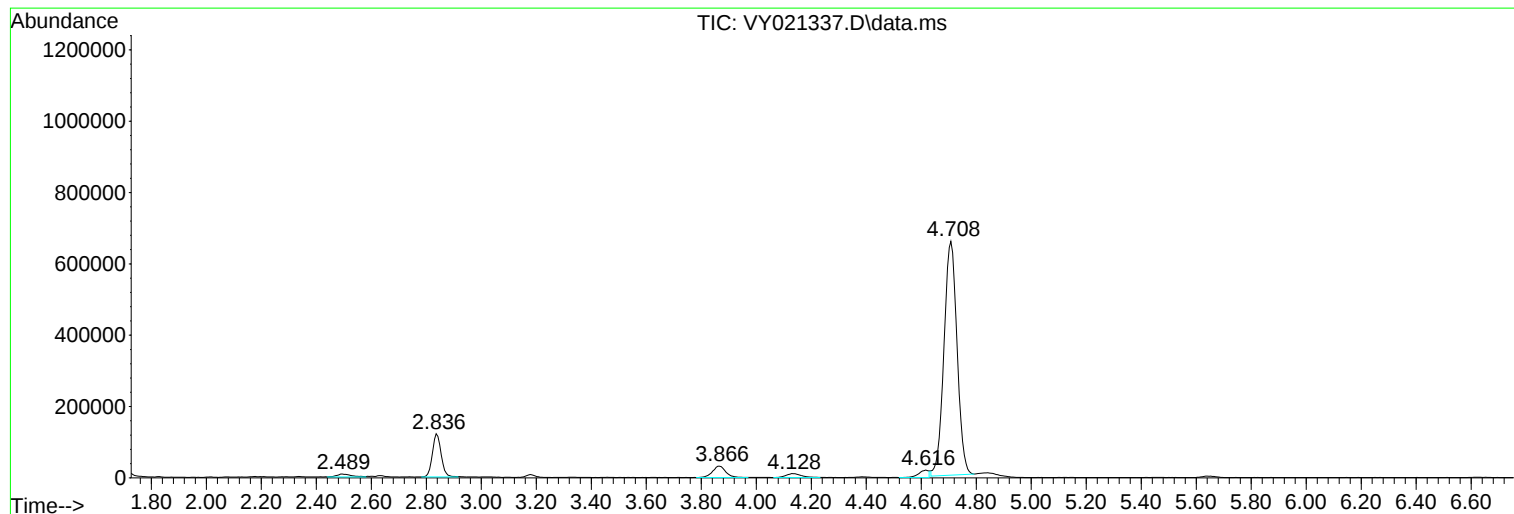
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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



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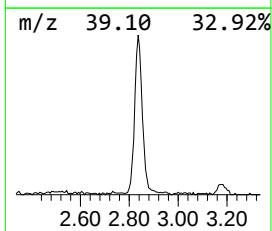
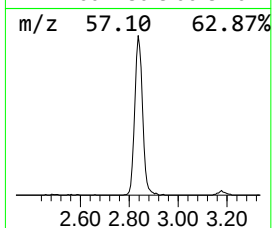
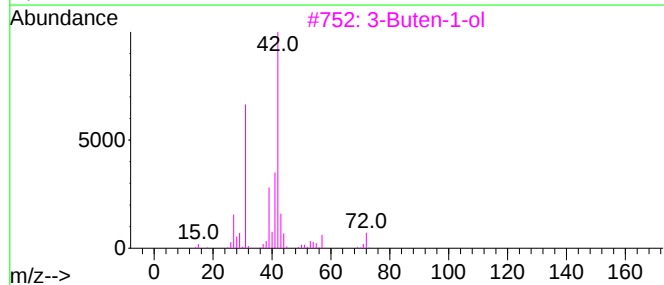
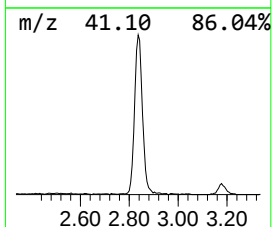
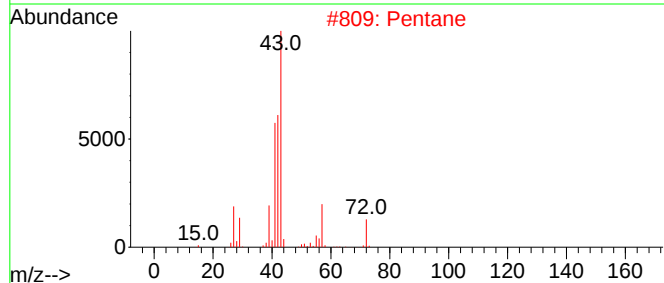
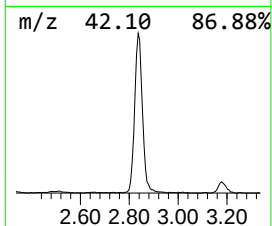
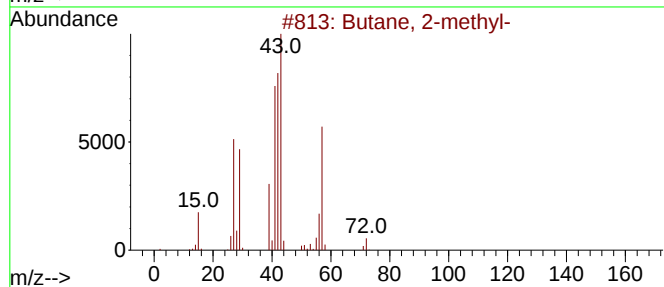
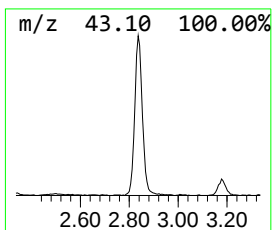
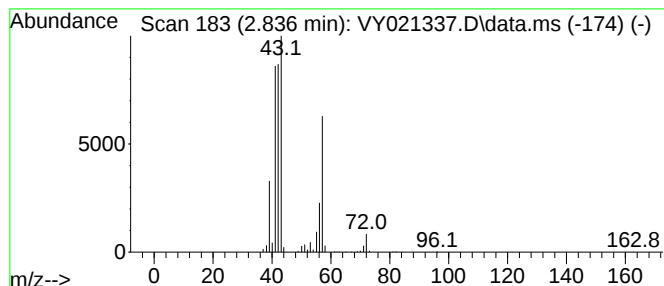
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.836	16.21 ug/l	266964	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			Pentane	72	C5H12	000109-66-0	59
3			3-Buten-1-ol	72	C4H8O	000627-27-0	47
4			1-Butene	56	C4H8	000106-98-9	14
5			Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	10



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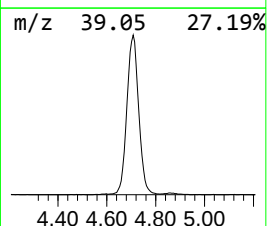
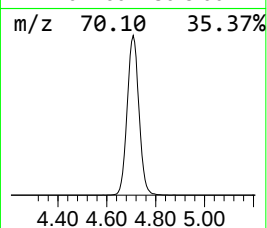
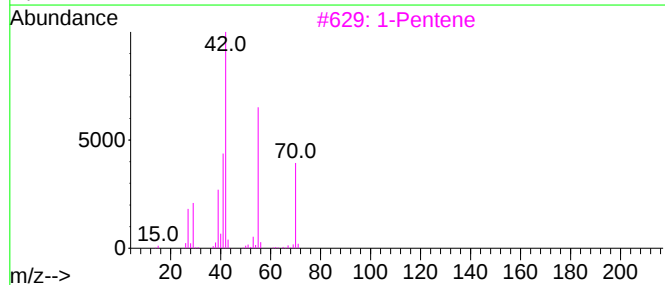
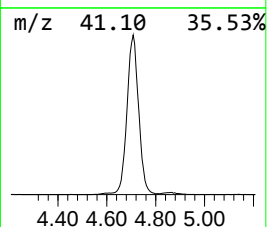
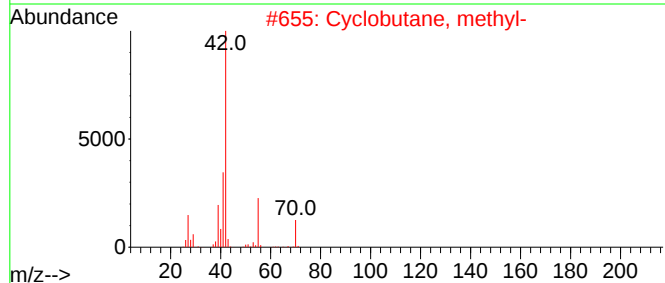
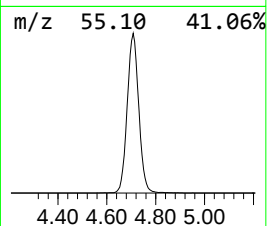
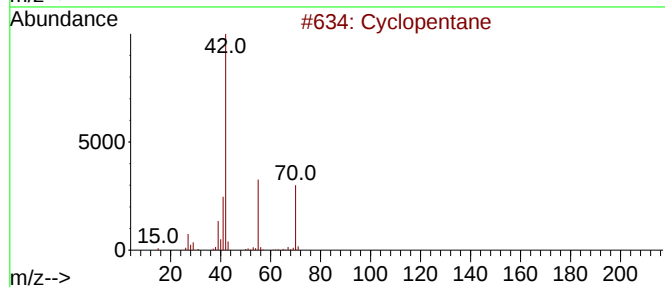
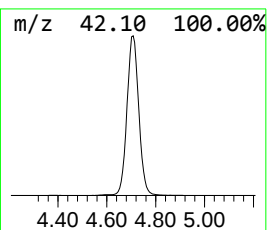
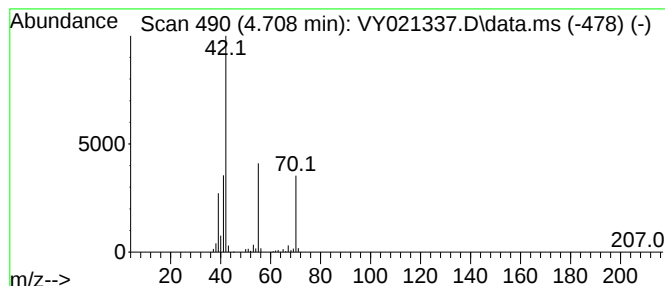
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.708	131.66 ug/l	2168490	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	90
2			Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3			1-Pentene	70	C5H10	000109-67-1	49
4			Cyclopropane, ethyl-	70	C5H10	001191-96-4	39
5			Methyl propargyl ether	70	C4H6O	000627-41-8	9



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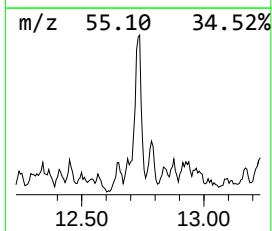
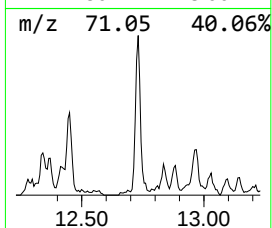
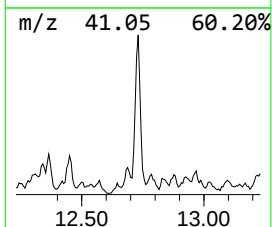
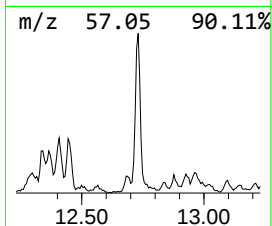
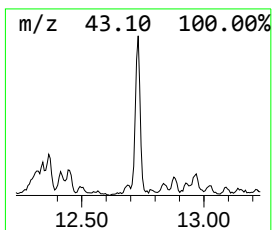
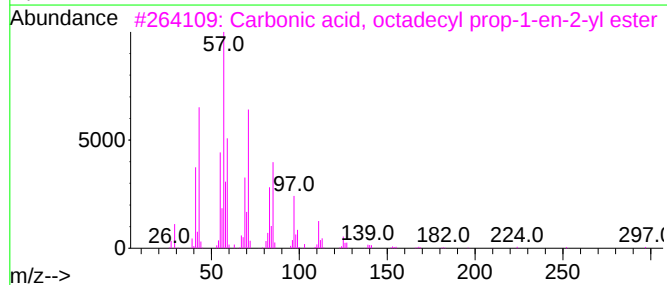
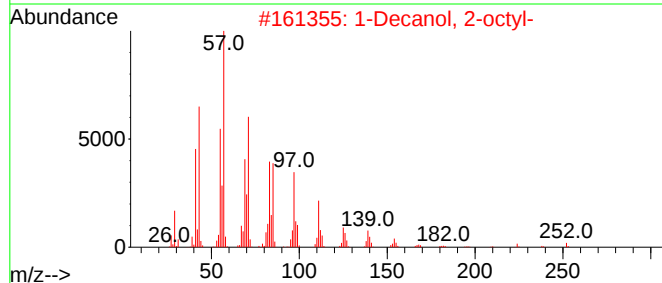
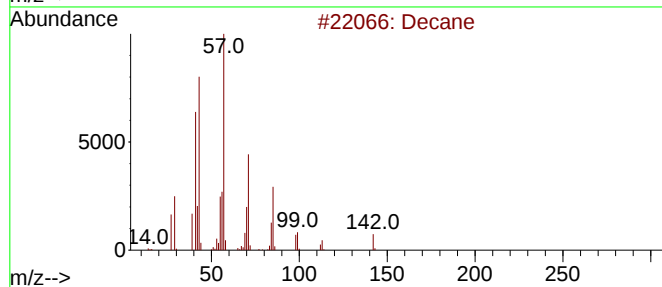
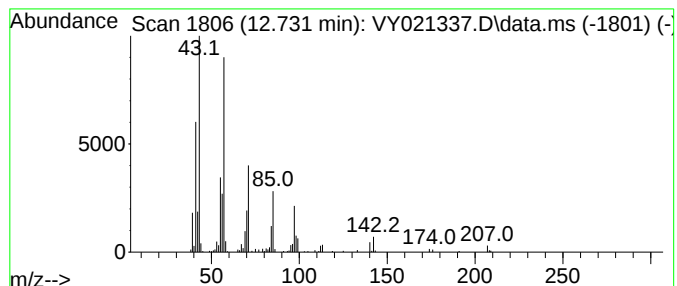
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Peak Number 5 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	7.90 ug/l	122601	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	78
3			Carbonic acid, octadecyl prop-1-en-2-yl ester	354	C22H42O3	1000383-11-5	72
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	59
5			Undecane	156	C11H24	001120-21-4	59



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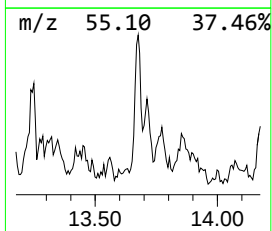
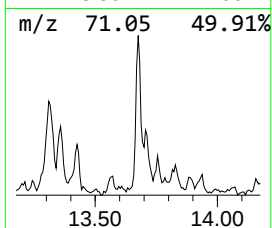
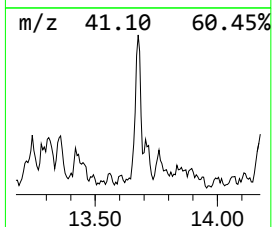
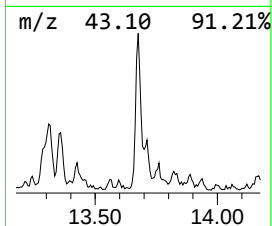
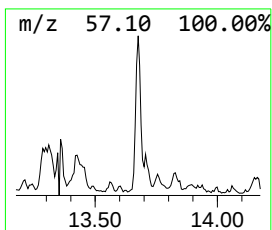
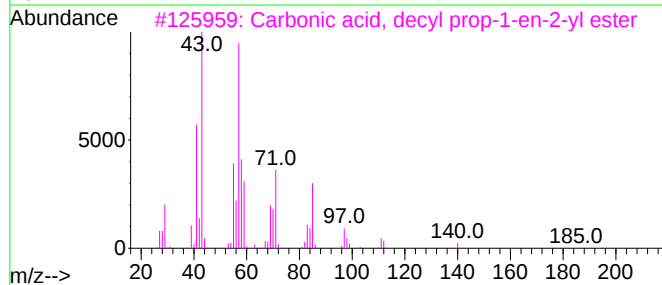
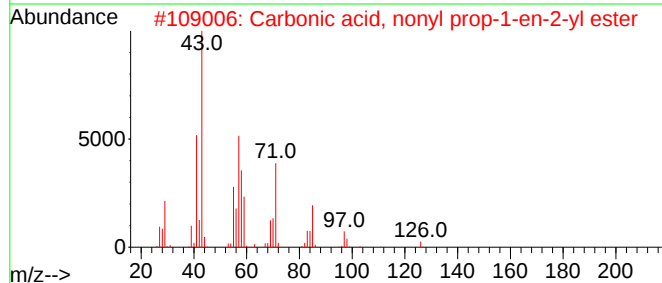
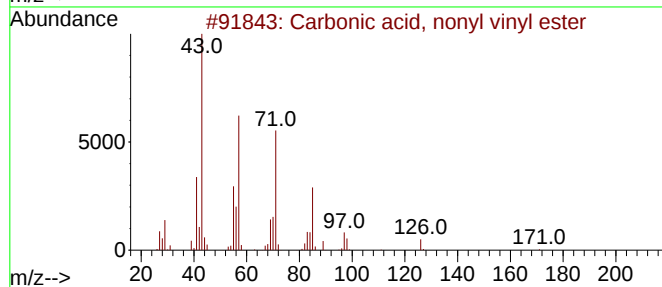
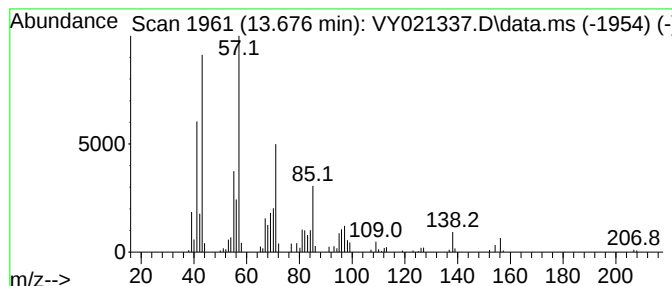
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Peak Number 6 Carbonic acid, nonyl vinyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	5.93 ug/l	91958	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64
2			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64
3			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	59
4			Undecane	156	C11H24	001120-21-4	58
5			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.836	16.2	ug/l	266964	1	7.707	823553	50.0
Cyclopentane	4.708	131.7	ug/l	2168490	1	7.707	823553	50.0
Decane	12.731	7.9	ug/l	122601	4	13.346	775885	50.0
Carbonic acid, ...	13.676	5.9	ug/l	91958	4	13.346	775885	50.0