LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009610.D
Acq On : 20 Jul 2022 14:20
Operator : KP/MD
Sample : N3652-06
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

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\82Y071822S.M
Title : SW846 8260

Signal : TIC: VY009610.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	337	348	356	rBV	11467	31511	2.01%	0.344%
2	4.704	461	473	490	rBV3	15254	53029	3.39%	0.578%
3	7.710	956	966	971	rBV	138071	325794	20.82%	3.552%
4	7.783	971	978	988	rVB	304541	684184	43.73%	7.459%
5	8.130	1027	1035	1048	rBV	130681	297548	19.02%	3.244%
6	8.313	1058	1065	1077	rBV	37233	92104	5.89%	1.004%
7	8.679	1118	1125	1136	rBV	454030	901228	57.60%	9.825%
8	9.612	1272	1278	1286	rBV	59731	126653	8.09%	1.381%
9	9.740	1293	1299	1306	rBV	106124	209745	13.41%	2.287%
10	10.173	1364	1370	1381	rBV	600043	1043999	66.72%	11.381%
11	11.483	1580	1585	1593	rBV	637973	1031011	65.89%	11.240%
12	12.093	1675	1685	1711	rVB4	241018	1564677	100.00%	17.057%
13	12.477	1741	1748	1756	rBV3	487723	978803	62.56%	10.670%
14	12.995	1830	1833	1837	rVB2	31228	40158	2.57%	0.438%
15	13.068	1842	1845	1850	rVB3	40243	61917	3.96%	0.675%
16	13.172	1859	1862	1870	rBV7	39251	97769	6.25%	1.066%
17	13.422	1892	1903	1909	rVB	683594	1348710	86.20%	14.703%
18	13.965	1987	1992	2001	rVB2	83649	150167	9.60%	1.637%
19	14.385	2056	2061	2070	rVB2	40808	105462	6.74%	1.150%
20	16.598	2421	2424	2431	rBV8	12772	28606	1.83%	0.312%

Sum of corrected areas: 9173075

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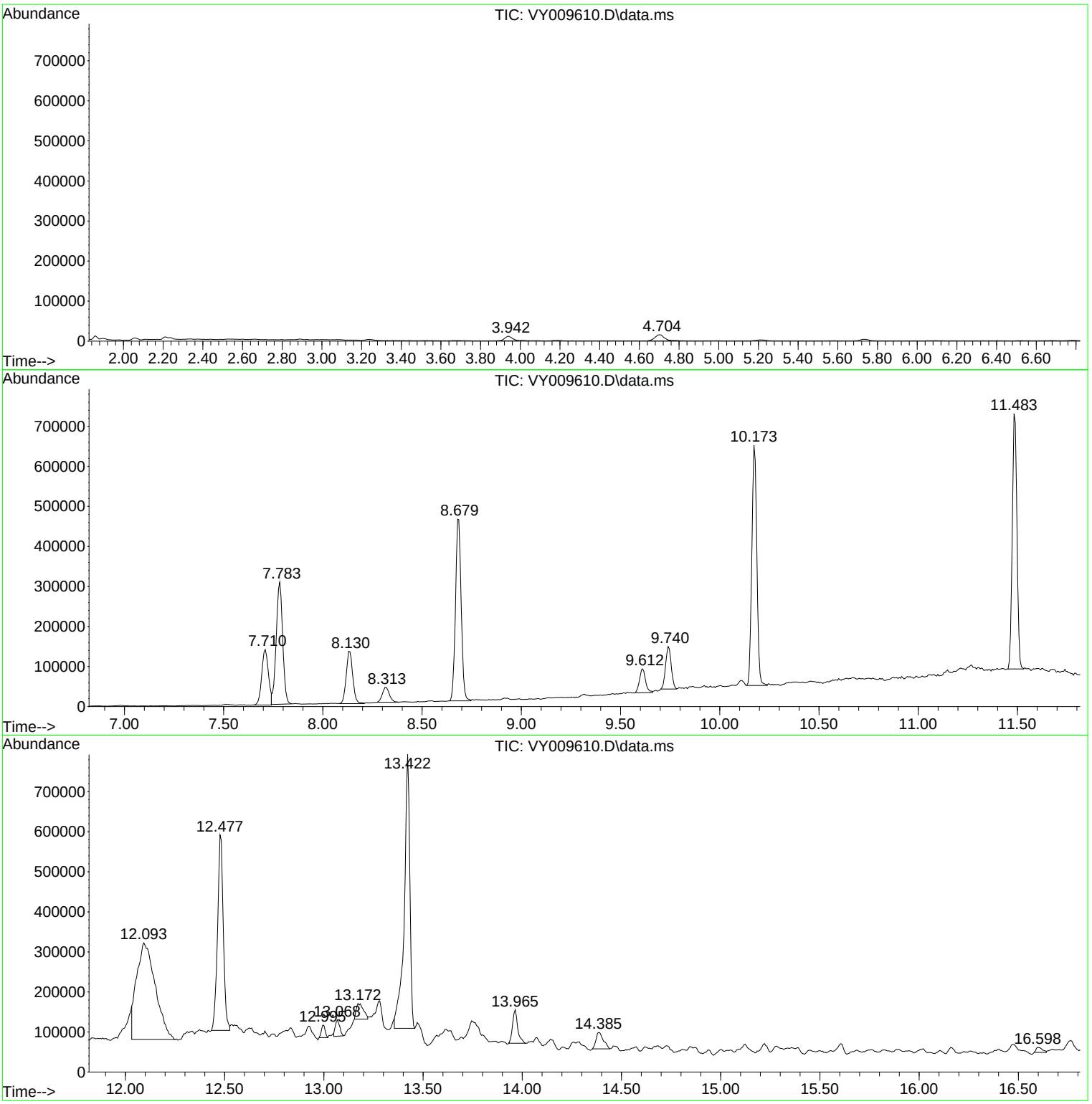
SED-1A-(24-30)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



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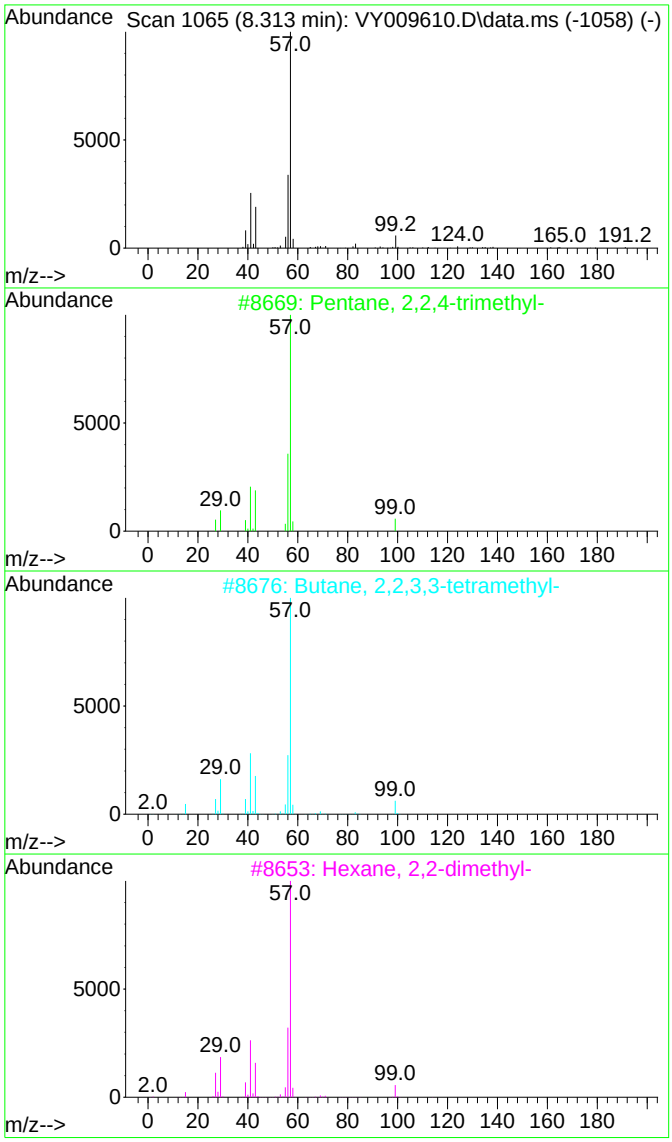
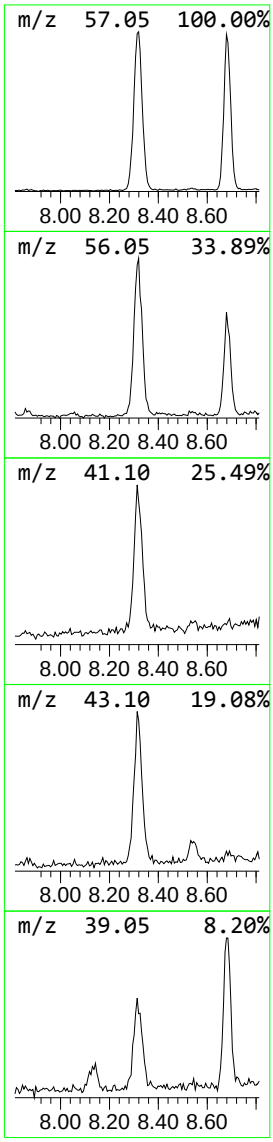
****
Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.313	5.11 ug/l	92104	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





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ClientSampleId :
SED-1A-(24-30)

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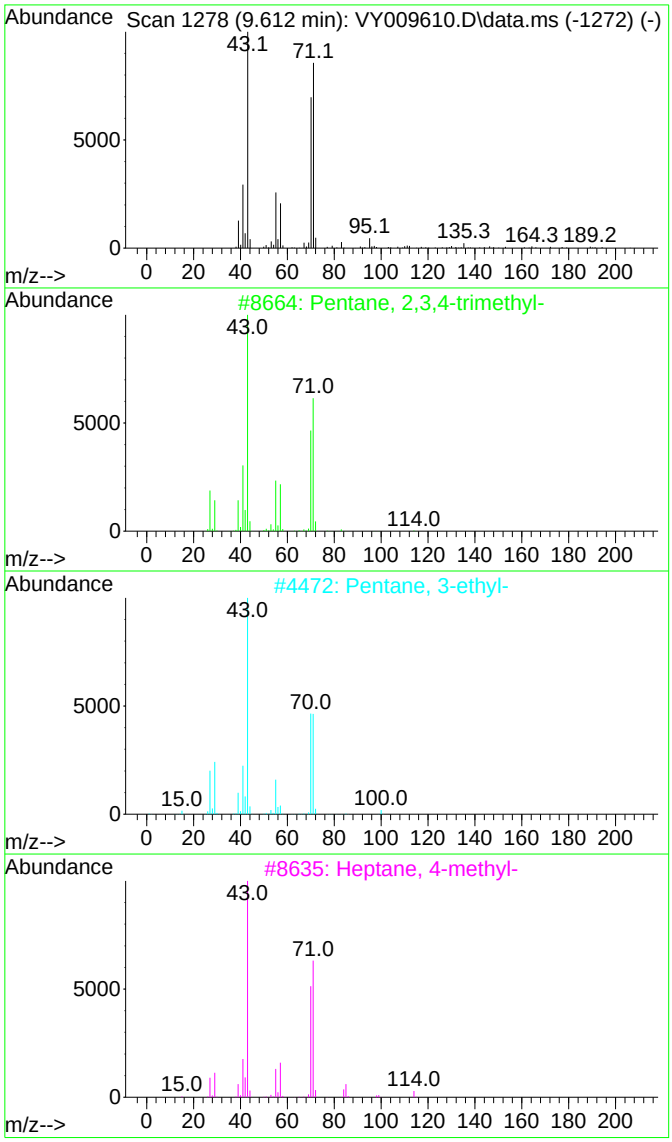
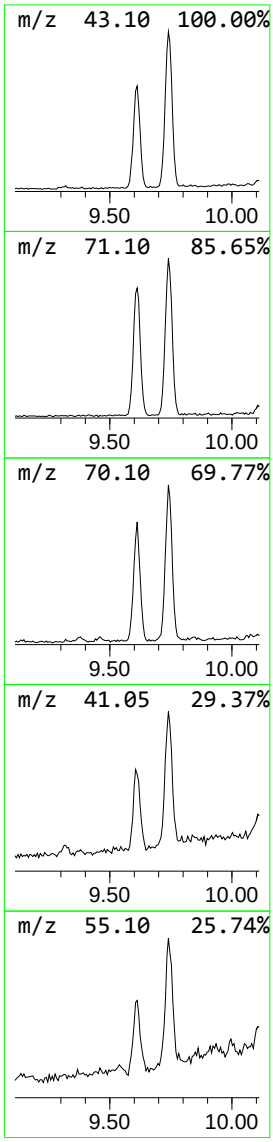
****
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	7.03 ug/l	126653	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





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Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
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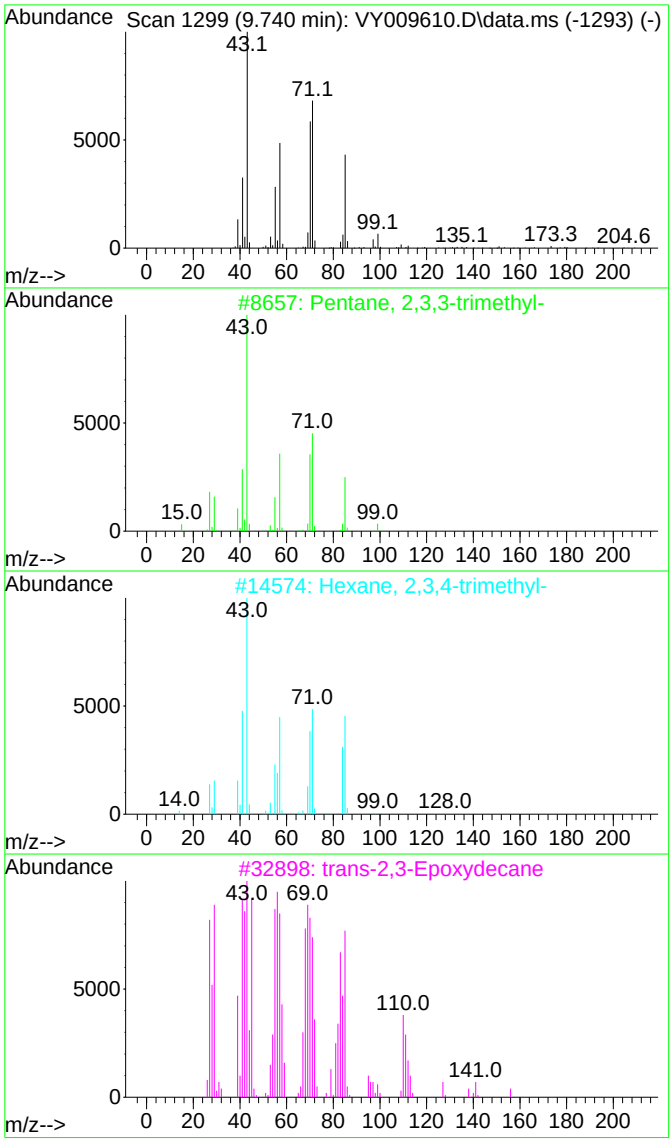
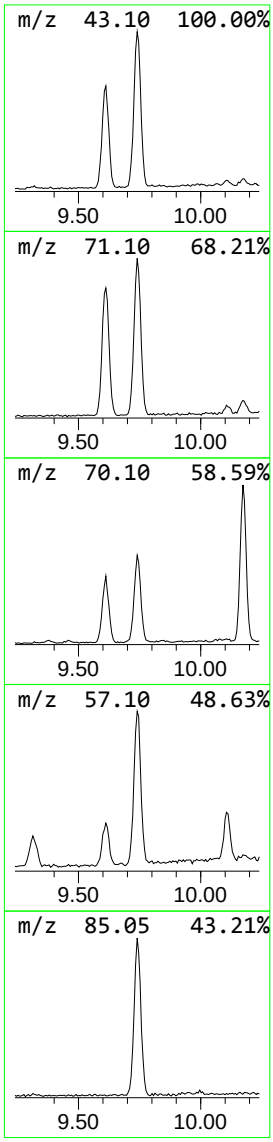
****
Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	11.64 ug/l	209745	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	72
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





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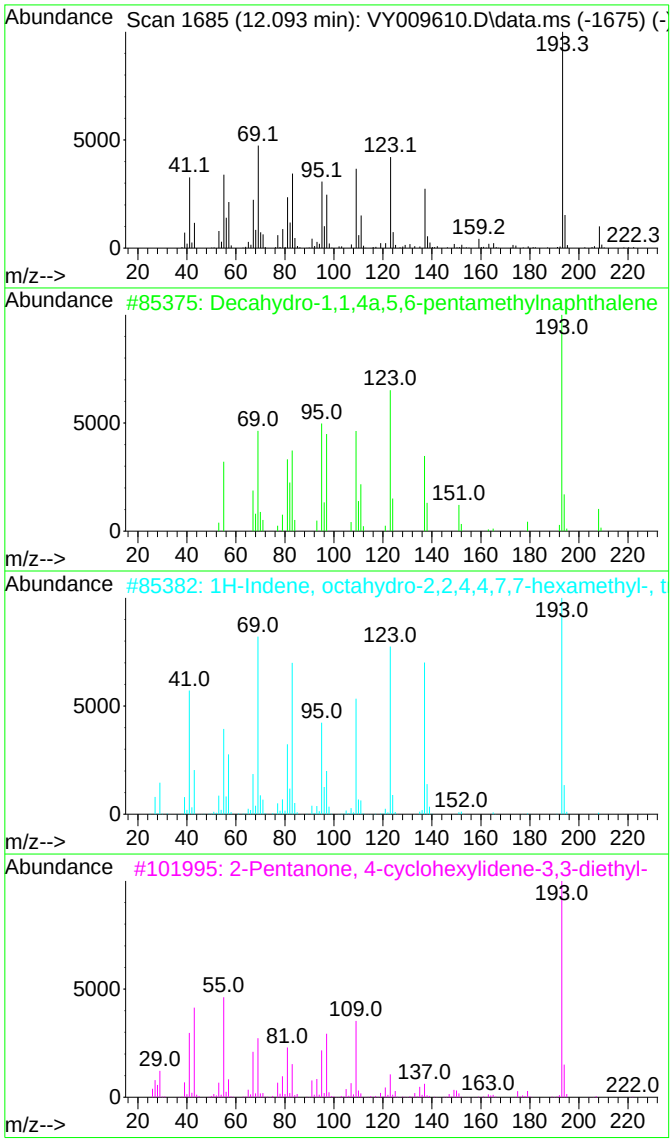
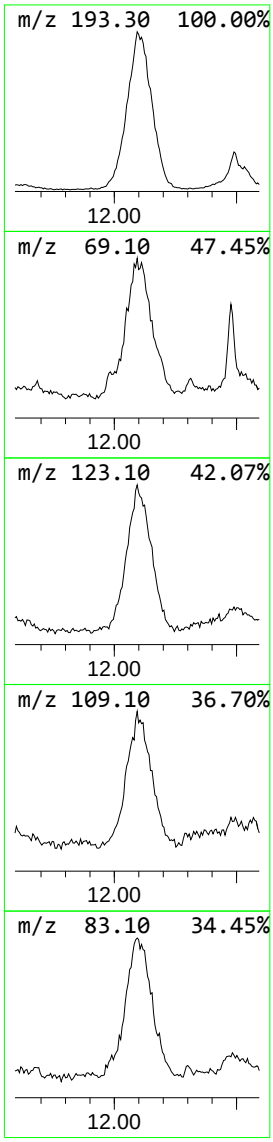
****
Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	75.88 ug/l	1564680	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
4	Iminostilbene	193	C14H11N	000256-96-2	38
5	diallyl(2,2,4a,7,7-pentamethyl-1...	384	C19H33N2O4P	1000187-42-4	37





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,2,4-...	8.313	5.1	ug/l	92104	2	8.685	901228	50.0
Pentane, 2,3,4-...	9.612	7.0	ug/l	126653	2	8.685	901228	50.0
Pentane, 2,3,3-...	9.740	11.6	ug/l	209745	2	8.685	901228	50.0
Decahydro-1,1,4...	12.093	75.9	ug/l	1564680	3	11.483	1031010	50.0