

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075298.D
 Acq On : 09 Feb 2023 17:06
 Operator : KP/SY
 Sample : 01508-02
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-1

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_D\Method\82D020723S.M
 Title : SW846 8260

Signal : TIC: VD075298.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	35	rBV	216059	392101	85.83%	12.805%
2	4.799	536	546	556	rBV4	5884	17704	3.88%	0.578%
3	7.064	924	931	941	rVB4	4143	12846	2.81%	0.420%
4	7.811	1048	1058	1063	rBV	58539	138525	30.32%	4.524%
5	7.875	1063	1069	1079	rVB	103005	234543	51.34%	7.660%
6	8.234	1116	1130	1141	rVB2	48162	119966	26.26%	3.918%
7	8.781	1214	1223	1233	rBV	161758	326489	71.46%	10.662%
8	10.269	1469	1476	1485	rBV	256649	456861	100.00%	14.920%
9	10.352	1485	1490	1492	rBV4	10181	15459	3.38%	0.505%
10	10.669	1537	1544	1550	rBV3	9728	20995	4.60%	0.686%
11	10.810	1559	1568	1574	rBV7	13341	29547	6.47%	0.965%
12	11.581	1691	1699	1711	rBV	229000	404858	88.62%	13.222%
13	12.575	1849	1868	1875	rBV2	179030	344641	75.44%	11.255%
14	12.734	1889	1895	1898	rBV6	12774	28967	6.34%	0.946%
15	13.128	1959	1962	1964	rBV4	4149	6144	1.34%	0.201%
16	13.163	1964	1968	1973	rVV	15629	23013	5.04%	0.752%
17	13.251	1973	1983	1992	rVV7	23262	95983	21.01%	3.135%
18	13.375	1998	2004	2014	rVB3	31847	84013	18.39%	2.744%
19	13.522	2021	2029	2034	rBV	151022	254172	55.63%	8.301%
20	13.575	2034	2038	2044	rVB2	18559	34713	7.60%	1.134%
21	13.669	2050	2054	2056	rBV5	4712	7371	1.61%	0.241%
22	14.498	2185	2195	2196	rBV6	3385	7494	1.64%	0.245%
23	15.040	2283	2287	2291	rVB3	3410	5657	1.24%	0.185%

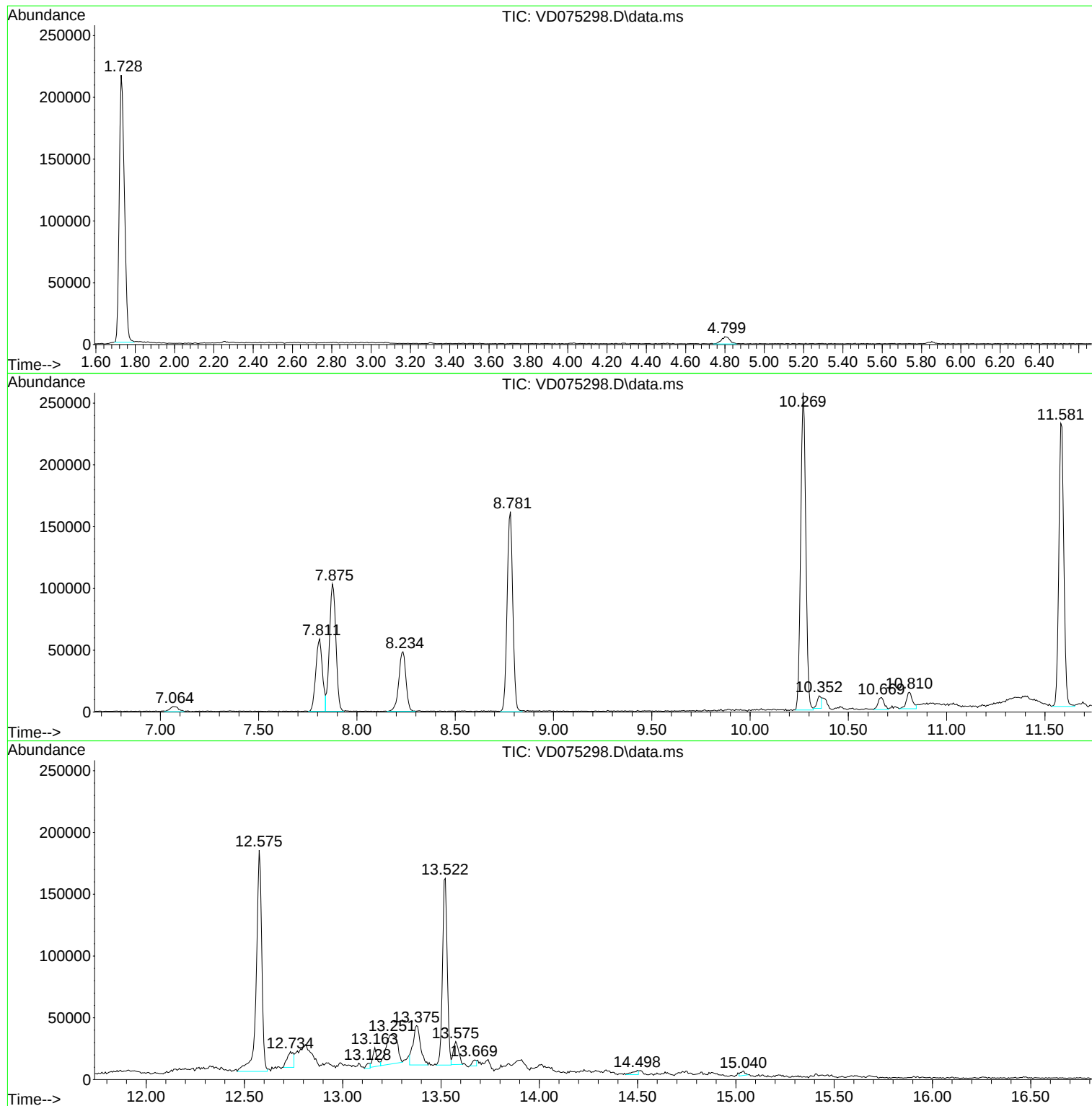
Sum of corrected areas: 3062062

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



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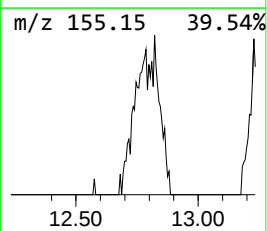
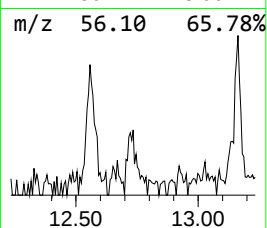
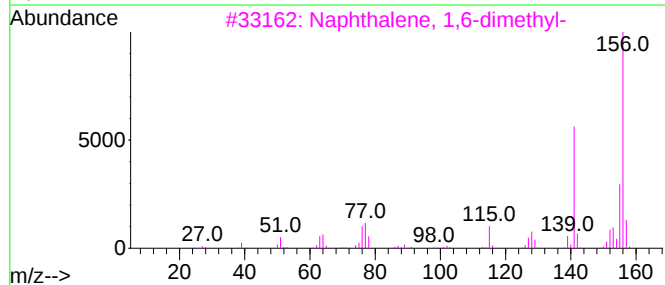
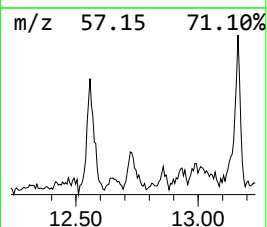
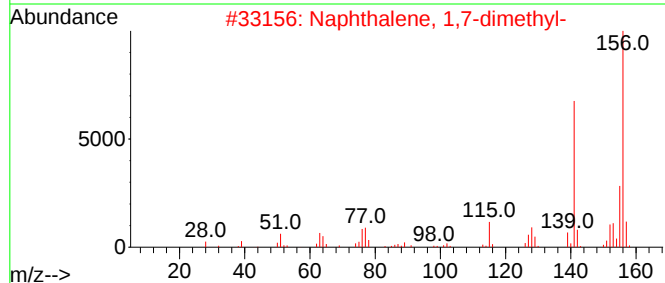
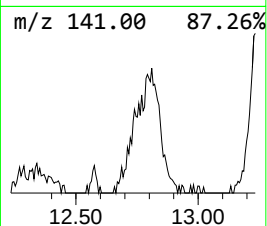
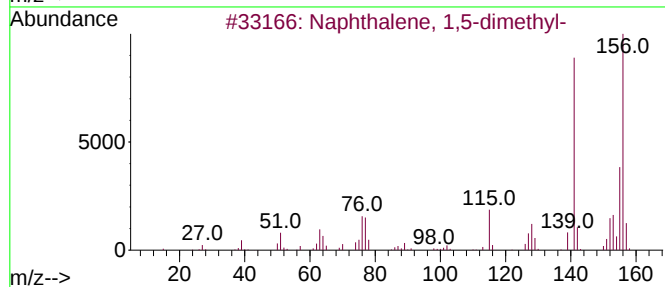
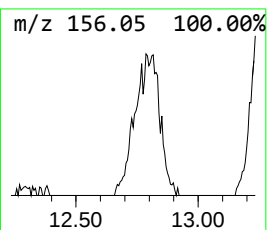
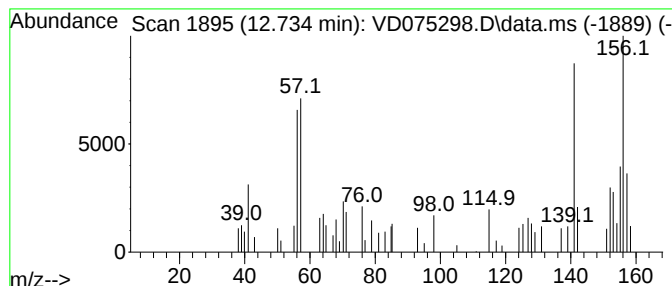
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	5.70 ug/l	28967	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64



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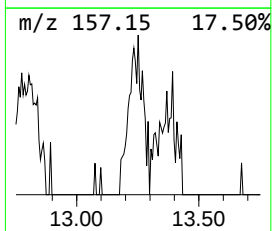
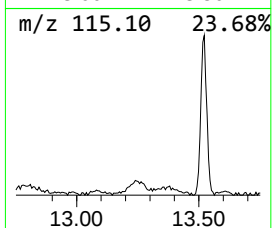
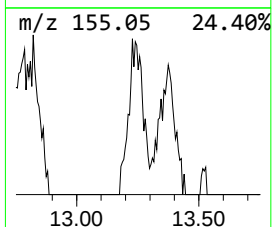
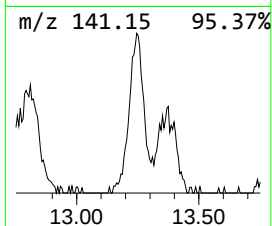
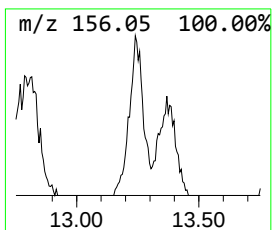
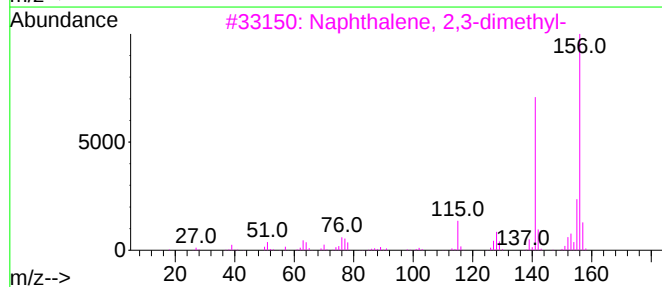
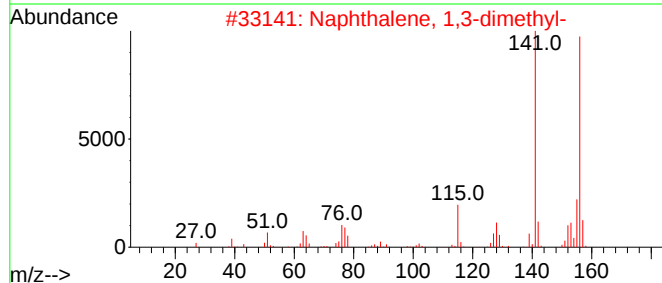
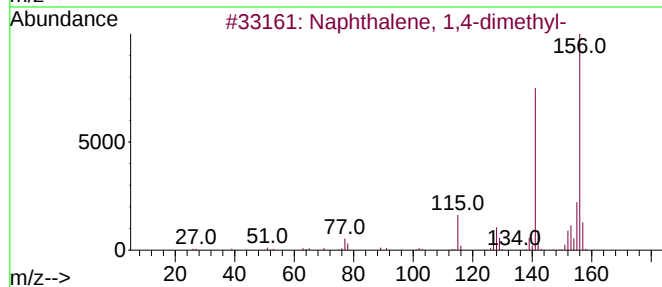
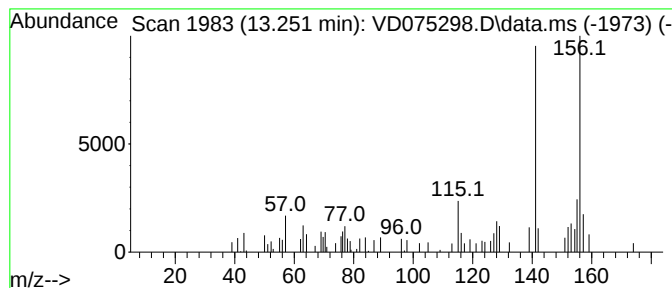
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	18.88 ug/l	95983	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



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Misc : 4.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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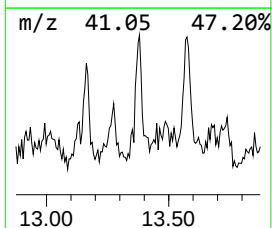
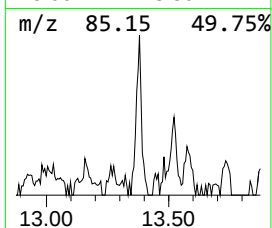
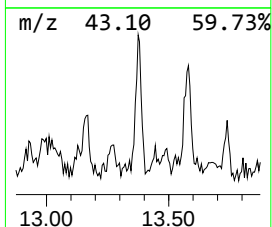
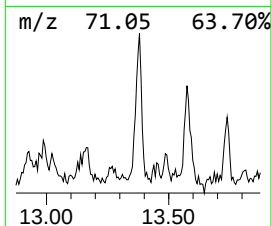
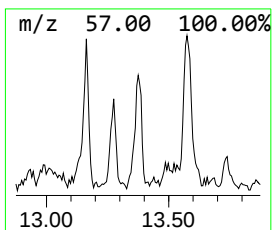
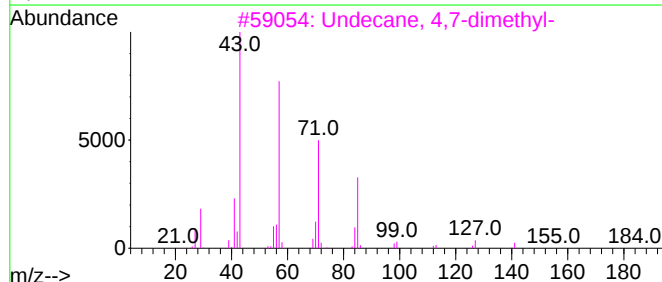
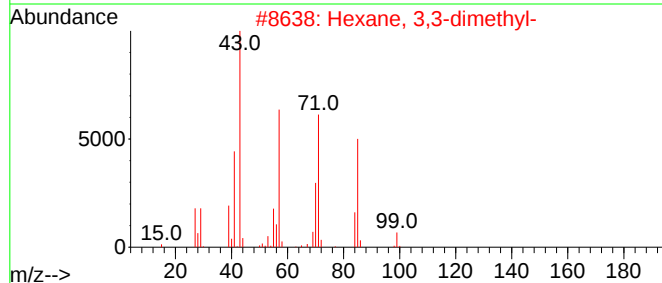
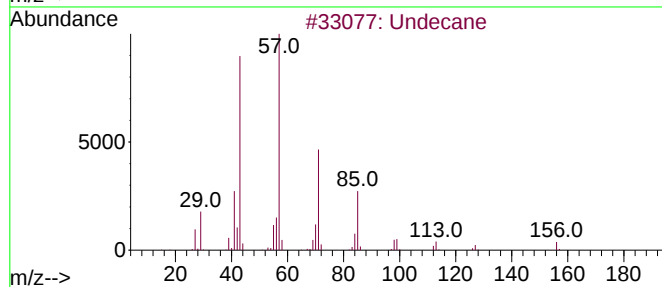
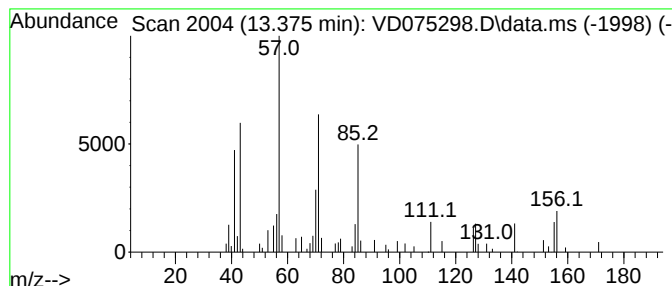
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	16.53 ug/l	84013	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	58
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
3			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
4			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	47
5			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	43



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ALS Vial : 17 Sample Multiplier: 1

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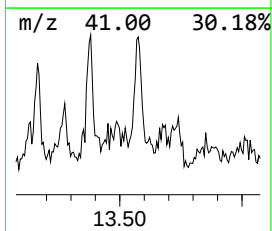
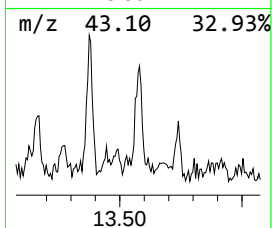
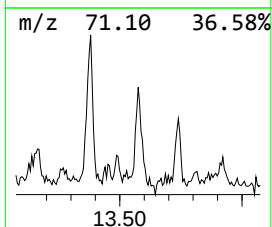
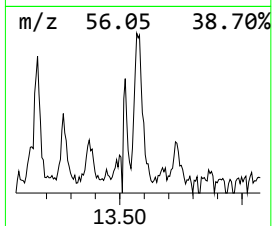
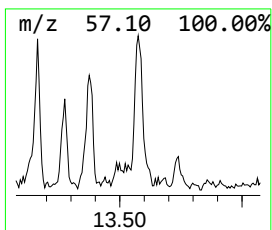
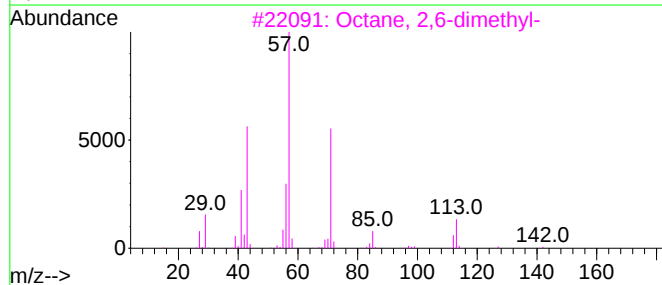
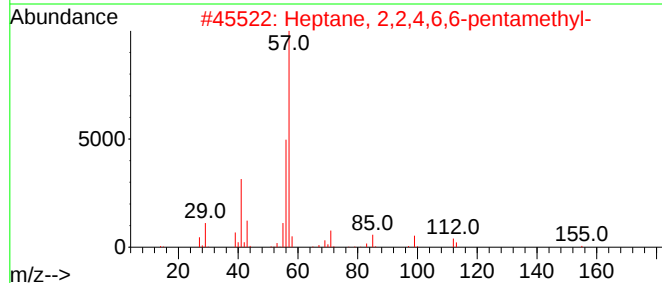
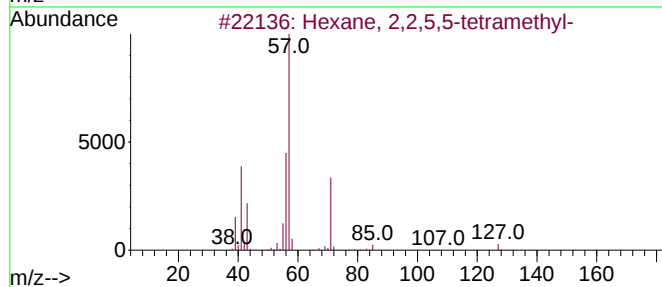
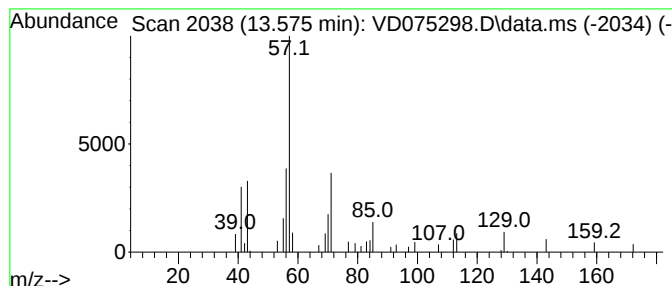
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,2,5,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	6.83 ug/l	34713	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	45
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	38



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	12.734	5.7	ug/l	28967	4	13.522	254172	50.0
Naphthalene, 1,...	13.251	18.9	ug/l	95983	4	13.522	254172	50.0
Undecane	13.375	16.5	ug/l	84013	4	13.522	254172	50.0
Hexane, 2,2,5,5...	13.575	6.8	ug/l	34713	4	13.522	254172	50.0