

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011379.D
 Acq On : 11 Jun 2019 06:57
 Operator : SY/MD
 Sample : K3229-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P34

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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_V\METHOD\SOMVTR060419WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	61	69	78	rVB	69790	80875	14.31%	1.772%
2	1.579	145	152	165	rVB	60584	70743	12.51%	1.550%
3	2.122	312	321	333	rVB	125135	175167	30.98%	3.837%
4	2.650	477	485	498	rVB4	7758	16480	2.92%	0.361%
5	3.978	882	898	920	rBV	41941	175638	31.07%	3.848%
6	4.396	1012	1028	1053	rVB	89654	217114	38.40%	4.756%
7	5.090	1227	1244	1261	rBV3	216533	500359	88.50%	10.962%
8	5.659	1405	1421	1439	rBV	180522	366749	64.87%	8.035%
9	6.116	1549	1563	1582	rBV	121342	245302	43.39%	5.374%
10	6.637	1715	1725	1734	rBV	3292	7737	1.37%	0.169%
11	7.029	1836	1847	1863	rBV	45365	85070	15.05%	1.864%
12	7.357	1936	1949	1968	rBV	223875	395880	70.02%	8.673%
13	7.666	2035	2045	2061	rBV2	27958	51512	9.11%	1.128%
14	8.016	2144	2154	2165	rVB10	9317	17548	3.10%	0.384%
15	8.141	2180	2193	2223	rBV	281280	565351	100.00%	12.385%
16	8.894	2414	2427	2450	rBV	255505	437706	77.42%	9.589%
17	10.260	2840	2852	2868	rBV	87557	141057	24.95%	3.090%
18	11.292	3161	3173	3191	rBV	227988	372588	65.90%	8.162%
19	11.498	3225	3237	3252	rBV	24908	45135	7.98%	0.989%
20	11.569	3252	3259	3273	rVB6	4891	9378	1.66%	0.205%
21	11.672	3278	3291	3309	rVB	215223	350412	61.98%	7.677%
22	11.871	3340	3353	3363	rBV	5129	11733	2.08%	0.257%
23	12.399	3507	3517	3527	rBV10	6685	11812	2.09%	0.259%
24	13.421	3825	3835	3849	rBV2	26502	48796	8.63%	1.069%
25	13.678	3906	3915	3923	rVB8	8059	12440	2.20%	0.273%
26	16.234	4699	4710	4722	rBV3	55947	103409	18.29%	2.265%
27	16.360	4741	4749	4760	rVB2	28922	42520	7.52%	0.932%
28	16.755	4865	4872	4879	rBV9	3760	6146	1.09%	0.135%

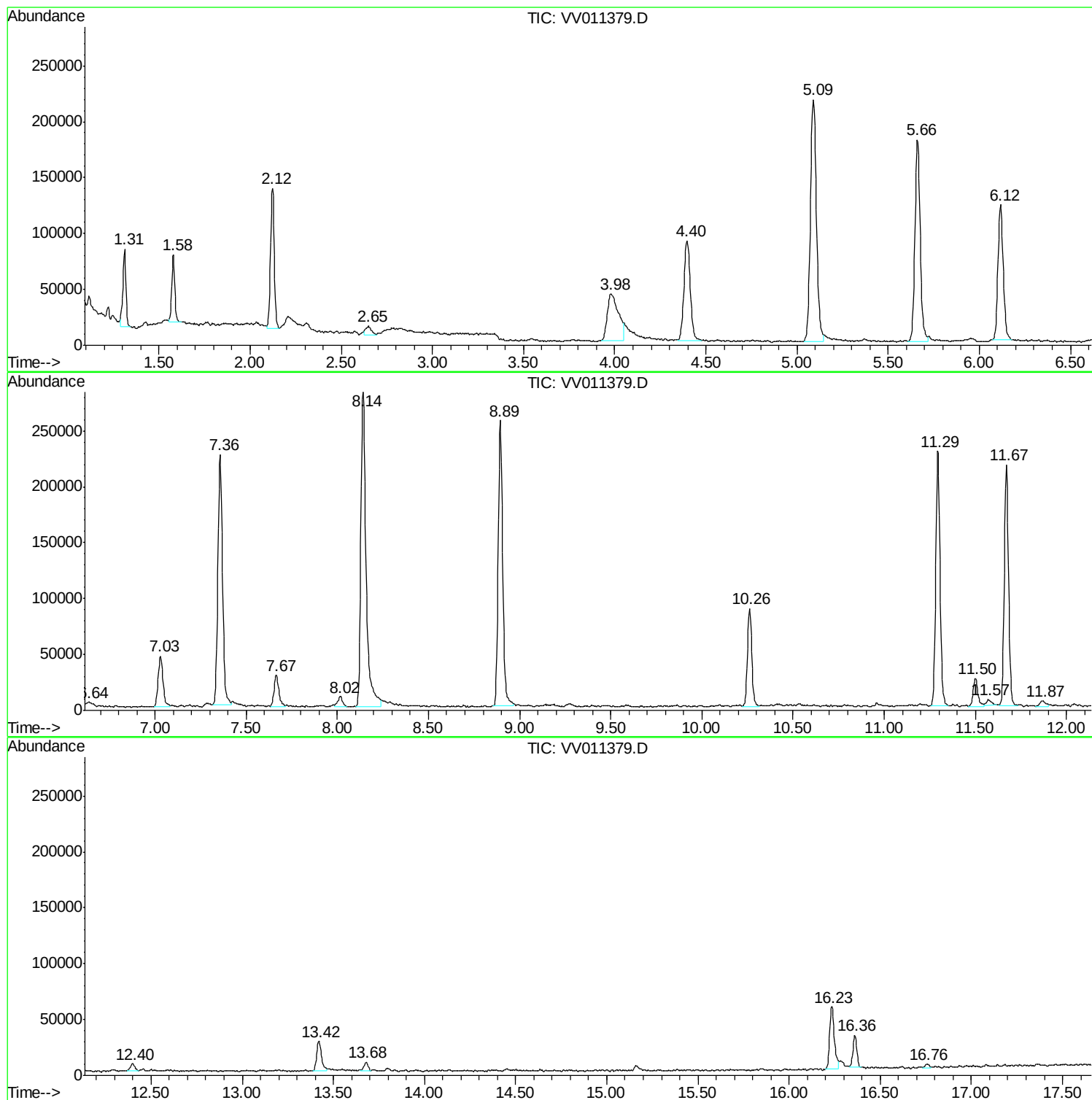
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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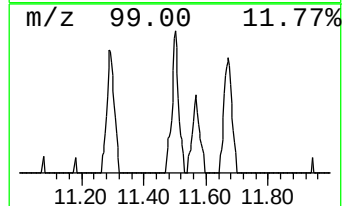
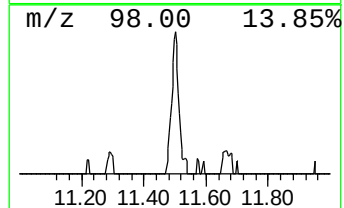
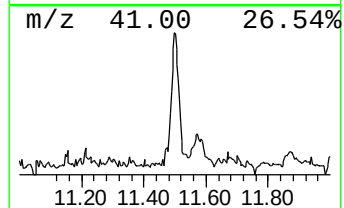
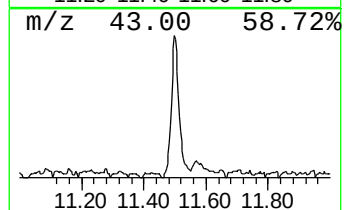
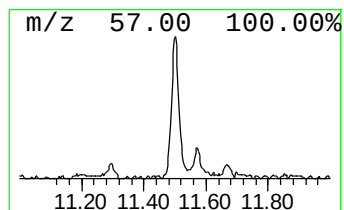
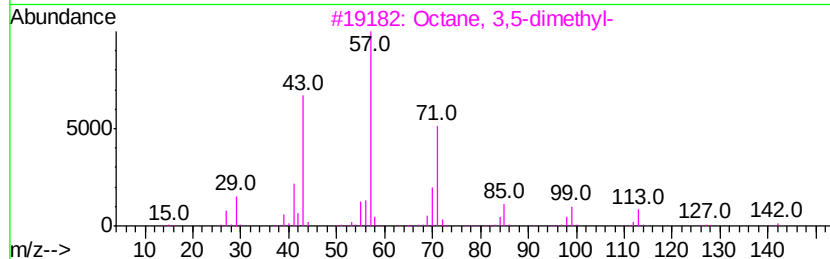
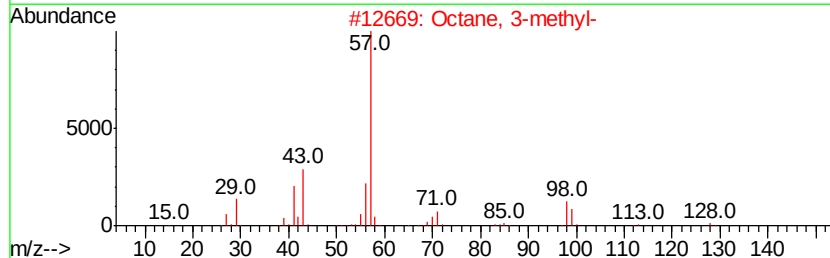
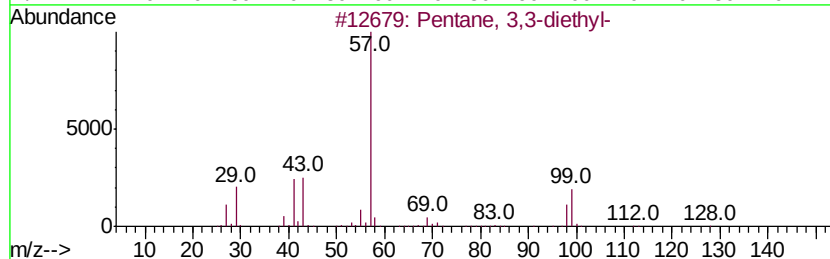
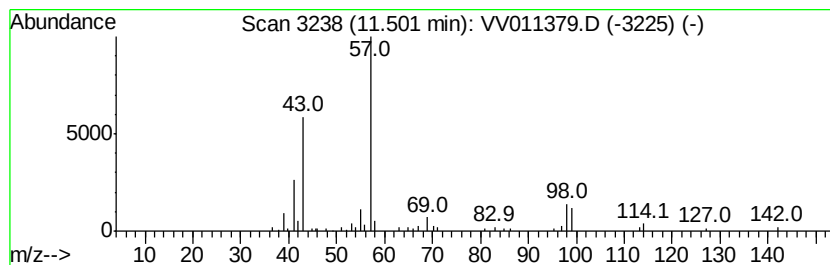
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	0.61 ug/L	45135	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	50
2		Octane, 3-methyl-	128	C9H20	002216-33-3	50
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	43



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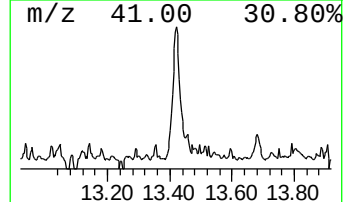
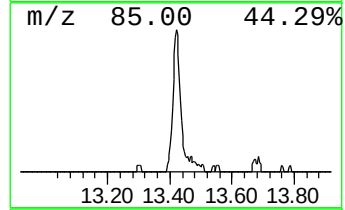
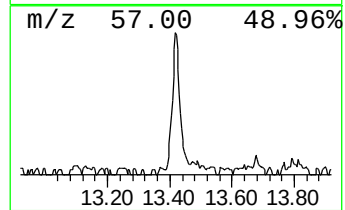
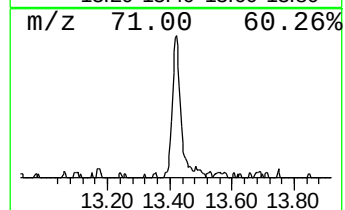
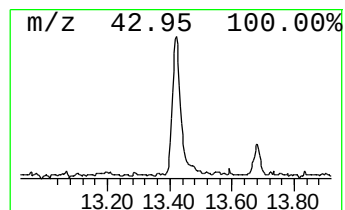
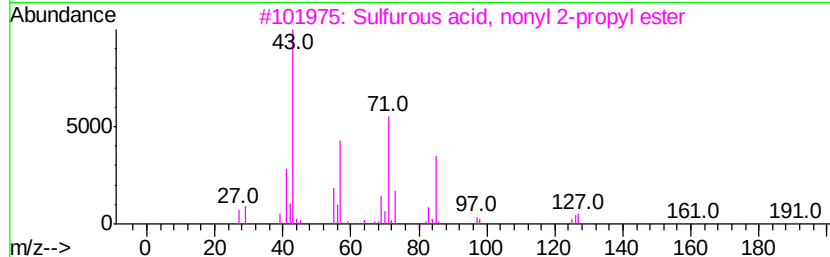
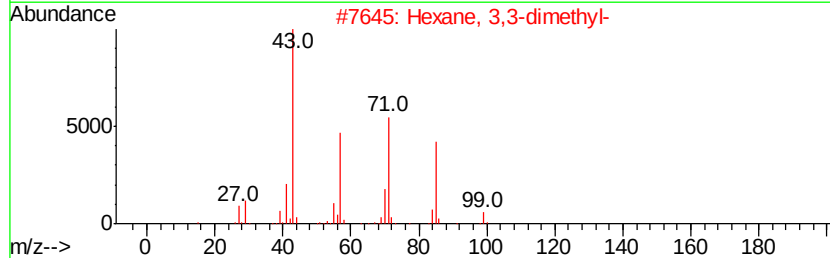
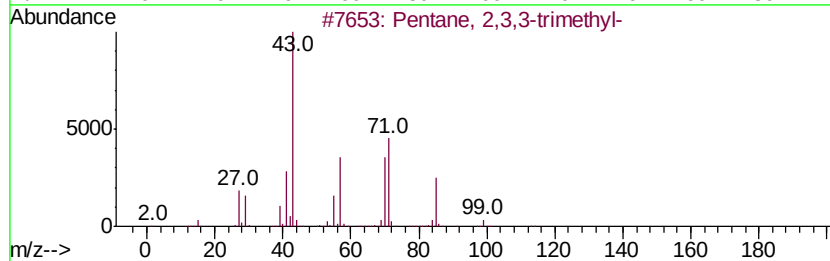
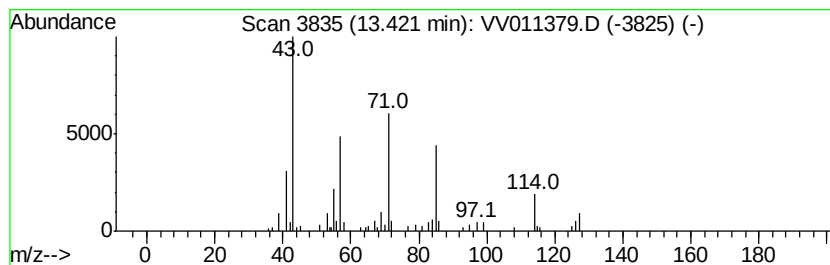
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	0.65 ug/L	48796	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	56
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53



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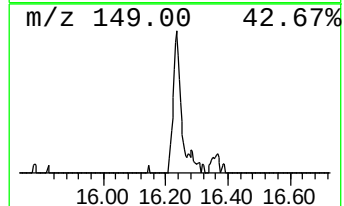
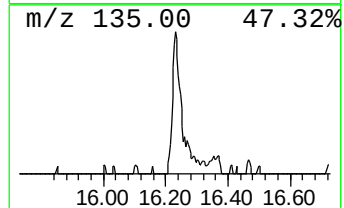
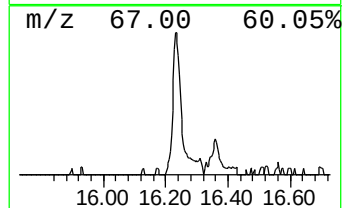
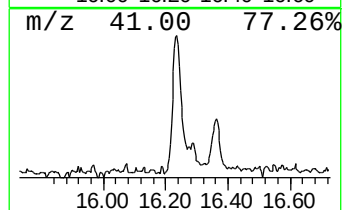
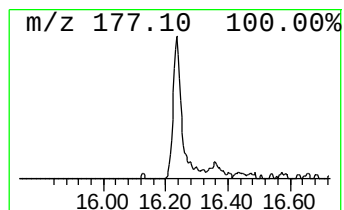
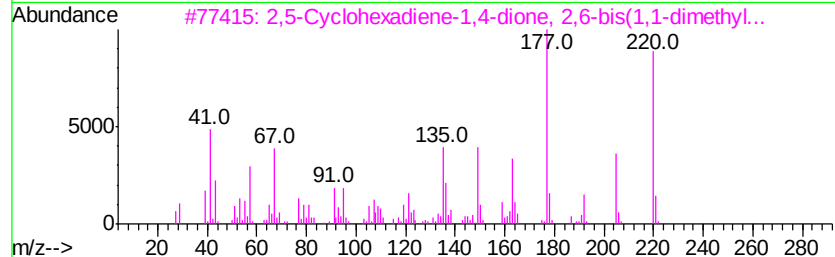
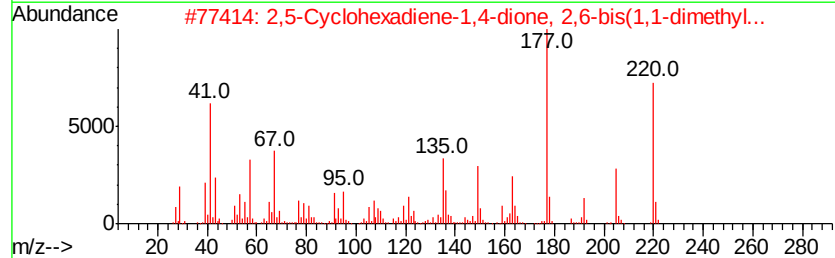
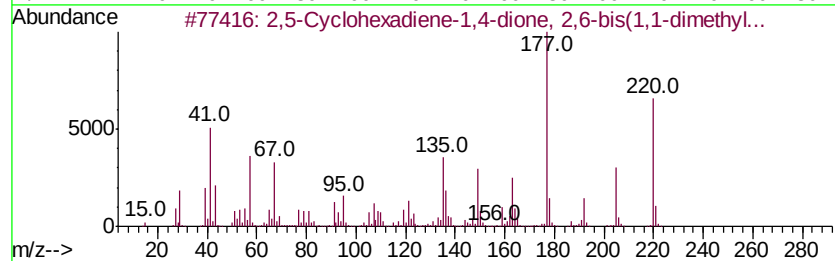
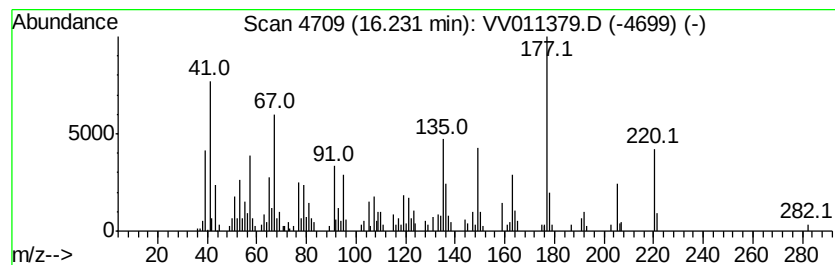
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Peak Number 4 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	1.39 ug/L	103409	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98		
4	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	52		
5	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	50		



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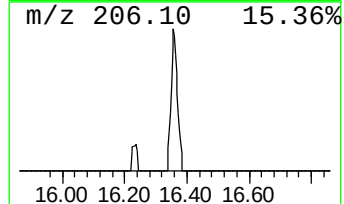
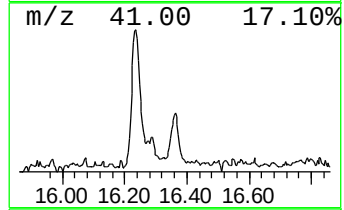
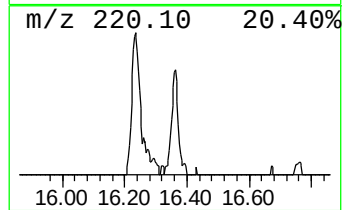
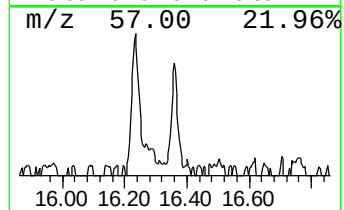
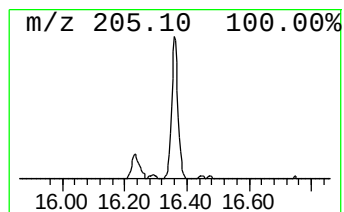
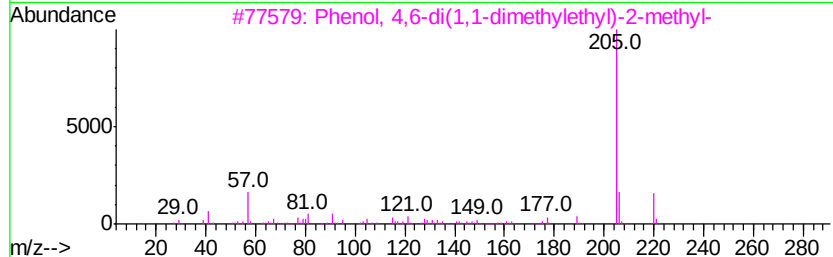
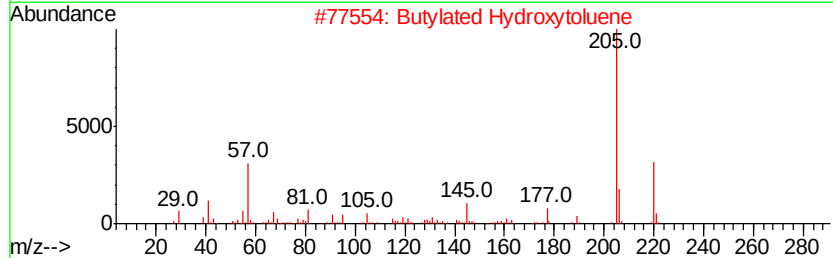
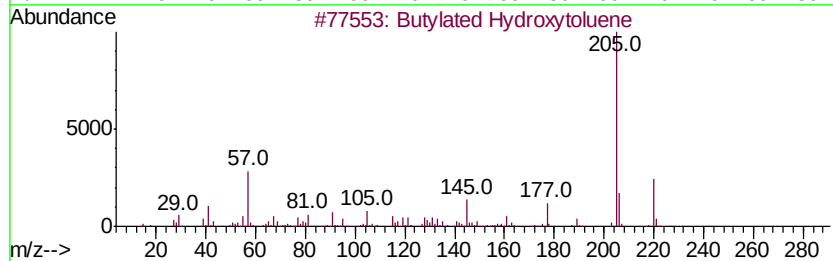
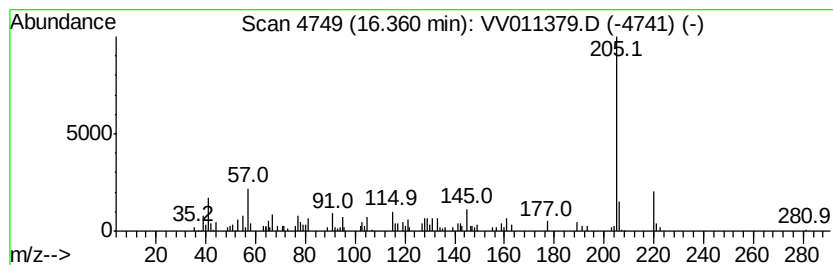
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	0.57 ug/L	42520	1,4-Dichlorobenzene-d4	11.30

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
3	Phenol, 4,6-di(1,1-dimethylethyl)...	220	C15H24O	000616-55-7	90
4	Phenol, 4,6-di(1,1-dimethylethyl)...	220	C15H24O	000616-55-7	83
5	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	80



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	11.50	0.6	ug/L	45135	3	11.30	372588	5.0
(DEL) Alkane: Str...	13.42	0.7	ug/L	48796	3	11.30	372588	5.0
2,5-Cyclohexadien...	16.23	1.4	ug/L	103409	3	11.30	372588	5.0
Butylated Hydroxy...	16.36	0.6	ug/L	42520	3	11.30	372588	5.0