

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010771.D
 Acq On : 03 Oct 2022 17:12
 Operator : KP/MD
 Sample : N4907-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-092922

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\82Y100322S.M
 Title : SW846 8260

Signal : TIC: VY010771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	463	474	488	rBV	15212	47932	3.73%	0.500%
2	5.753	636	645	654	rVB4	4956	15693	1.22%	0.164%
3	6.972	836	845	859	rBV	27681	86630	6.74%	0.904%
4	7.716	954	967	973	rBV	175648	425542	33.10%	4.442%
5	7.789	973	979	995	rVB	357718	799148	62.16%	8.341%
6	8.136	1024	1036	1050	rBV3	180508	433525	33.72%	4.525%
7	8.685	1118	1126	1140	rBV	525059	1052332	81.86%	10.984%
8	10.179	1364	1371	1378	rBV	769377	1285578	100.00%	13.418%
9	10.947	1492	1497	1503	rVB	16630	26721	2.08%	0.279%
10	11.489	1579	1586	1594	rBV	753841	1212556	94.32%	12.656%
11	12.392	1719	1734	1735	rBV5	66849	233207	18.14%	2.434%
12	12.483	1743	1749	1762	rVB	538060	935809	72.79%	9.768%
13	12.928	1810	1822	1823	rBV	92208	260559	20.27%	2.720%
14	13.062	1836	1844	1846	rBV3	66261	154318	12.00%	1.611%
15	13.422	1897	1903	1914	rVB	769185	1260214	98.03%	13.154%
16	13.629	1932	1937	1951	rVB2	123181	328850	25.58%	3.432%
17	13.757	1953	1958	1960	rBV5	21203	41518	3.23%	0.433%
18	13.971	1990	1993	1996	rBV3	13370	15959	1.24%	0.167%
19	14.678	2104	2109	2115	rBV5	33977	88758	6.90%	0.926%
20	14.849	2131	2137	2147	rVB6	38915	117724	9.16%	1.229%
21	15.233	2194	2200	2205	rBV	240613	413089	32.13%	4.312%
22	15.410	2223	2229	2238	rVB3	38754	122578	9.53%	1.279%
23	15.897	2304	2309	2319	rVB5	23511	75426	5.87%	0.787%
24	16.287	2369	2373	2380	rVB	42410	79545	6.19%	0.830%
25	16.482	2400	2405	2413	rVB	31232	67589	5.26%	0.705%

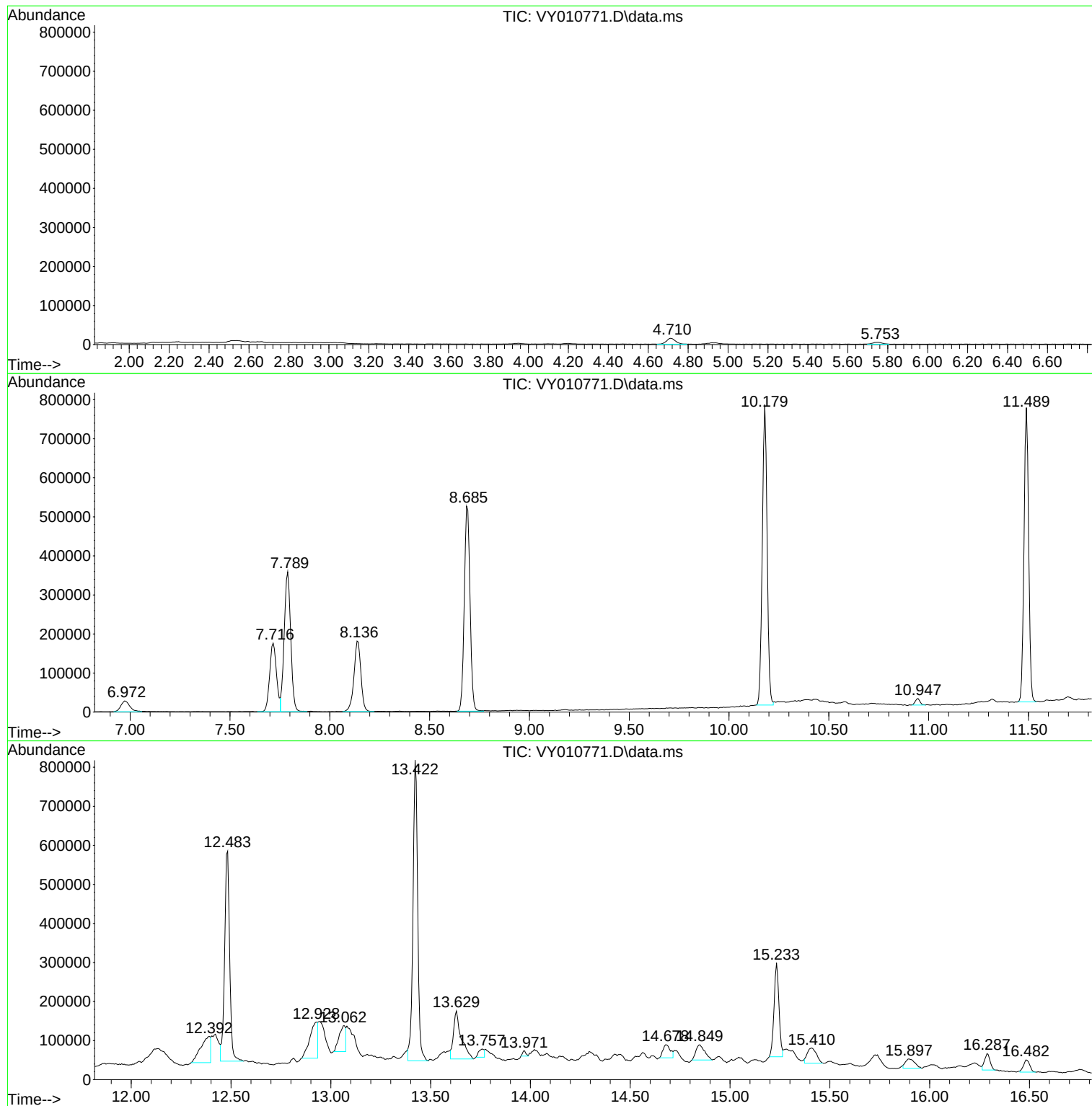
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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



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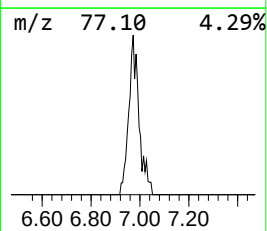
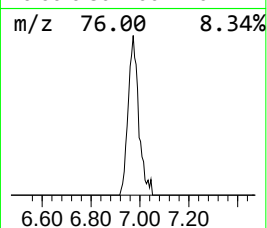
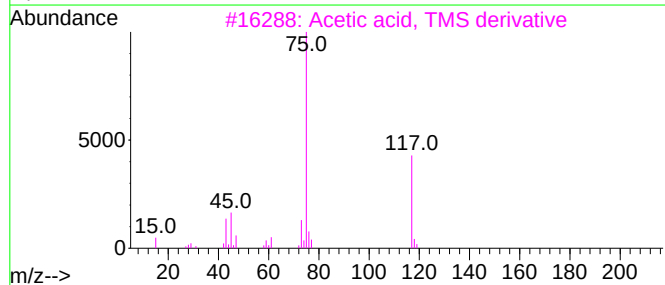
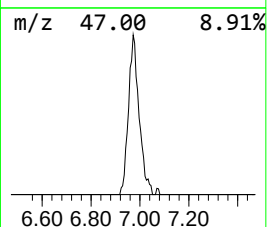
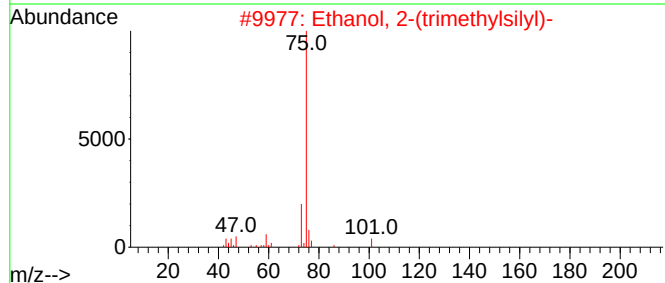
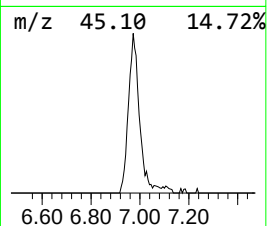
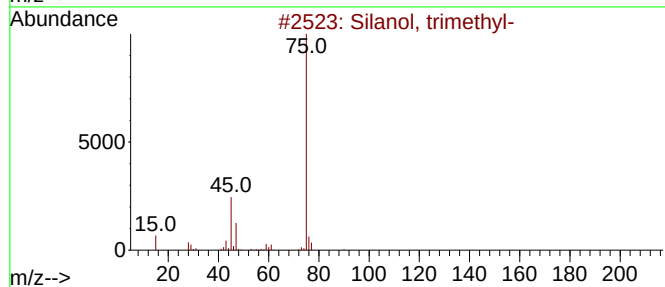
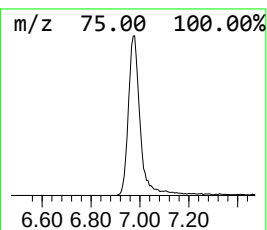
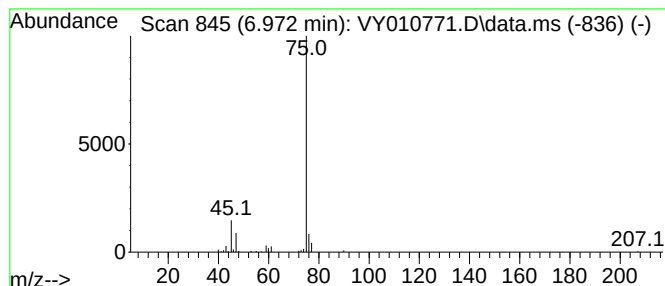
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Silanol, trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.972	5.42 ug/l	86630	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	90
2			Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	78
3			Acetic acid, TMS derivative	132	C5H12O2Si	002754-27-0	78
4			2-Methylpropanoic acid, TBDMS de...	202	C10H22O2Si	111864-21-2	74
5			Propanoic acid, TMS derivative	146	C6H14O2Si	016844-98-7	64



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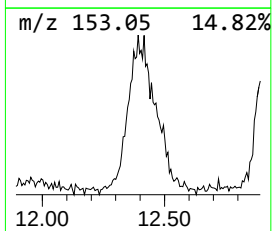
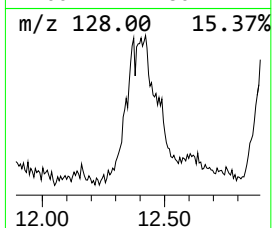
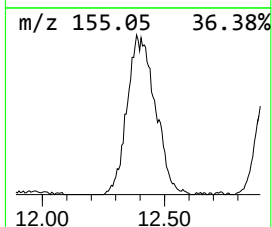
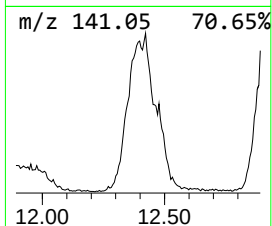
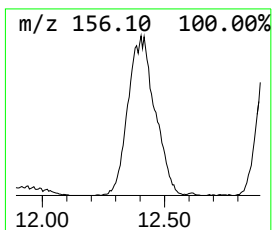
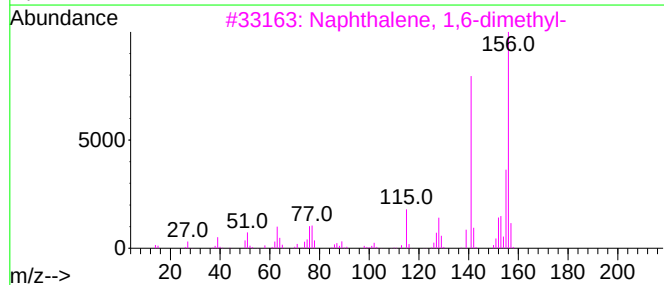
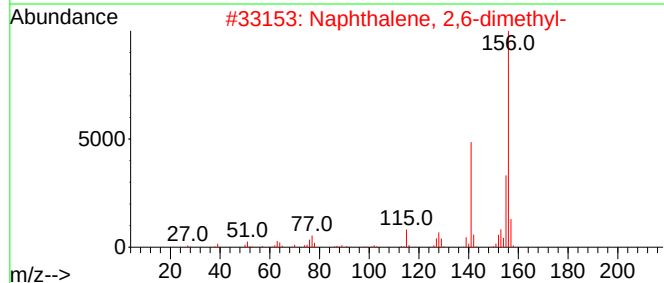
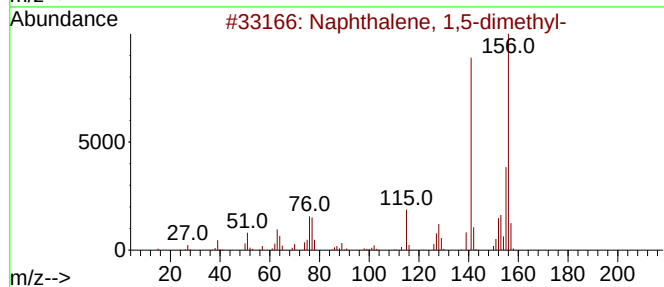
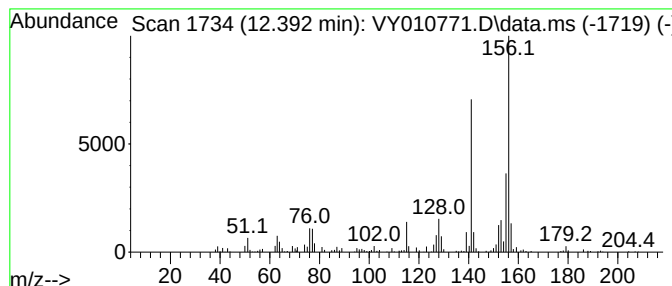
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	9.62 ug/l	233207	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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Instrument :
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ClientSampleId :
SU-03-092922

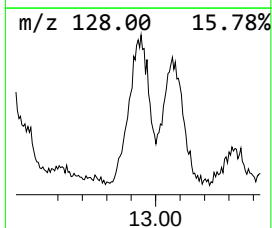
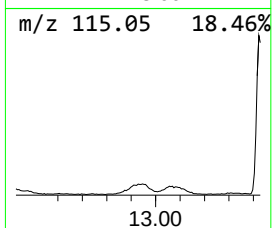
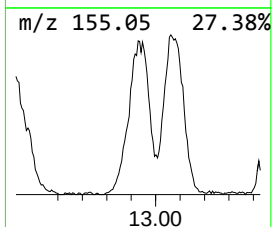
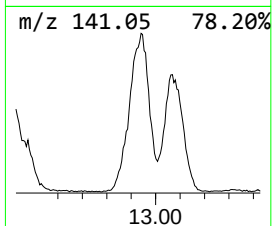
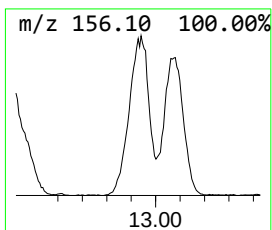
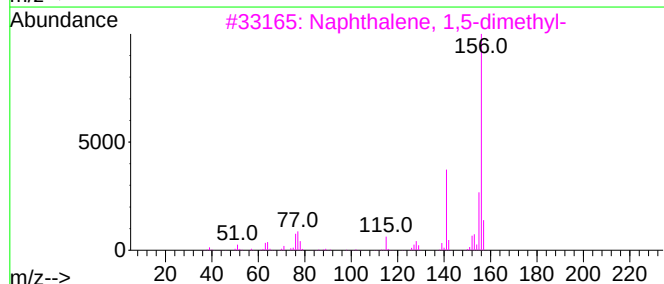
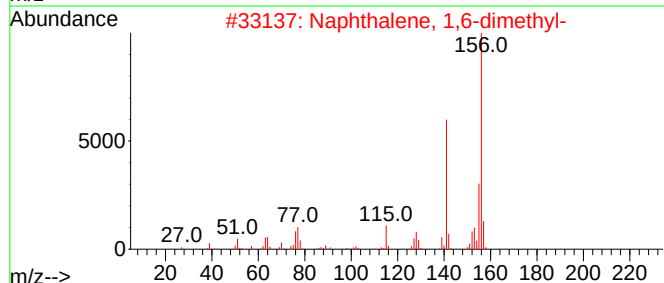
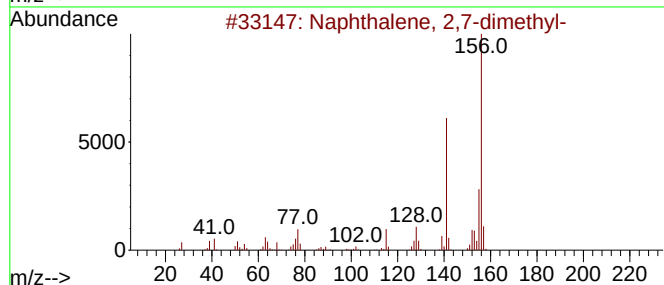
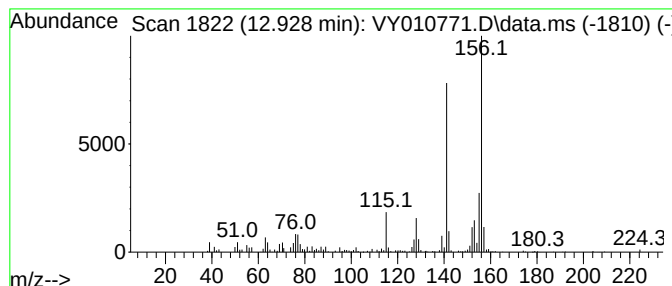
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	10.34 ug/l	260559	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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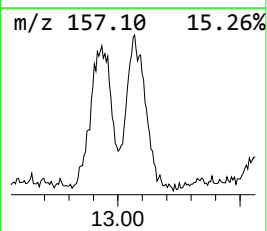
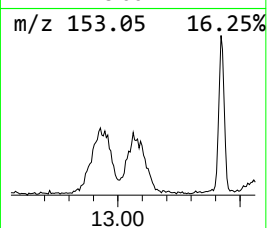
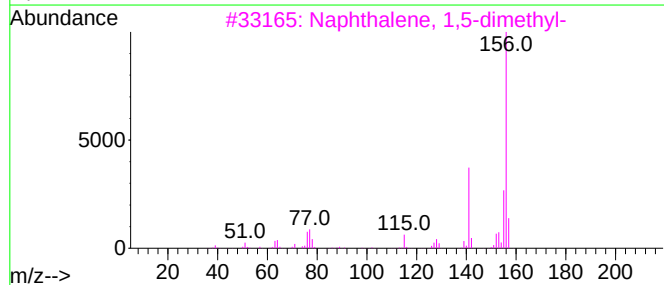
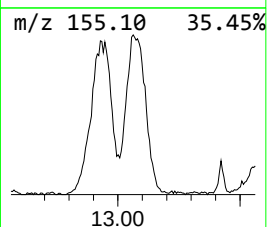
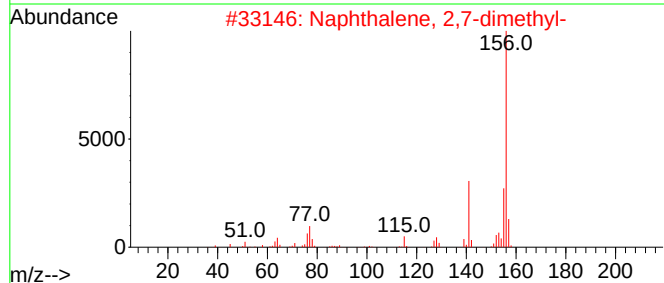
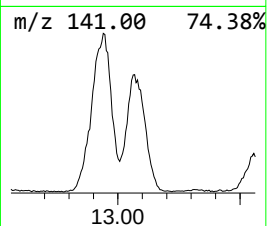
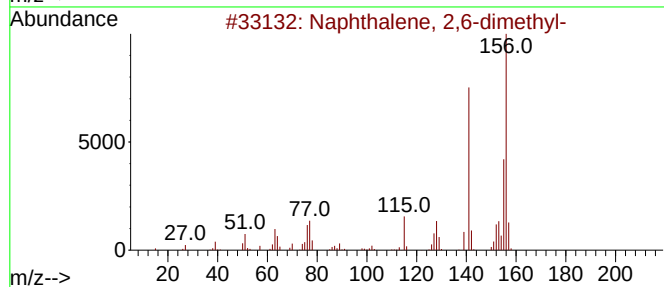
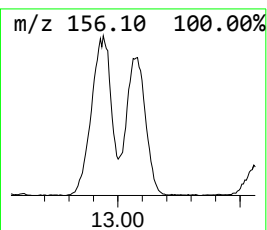
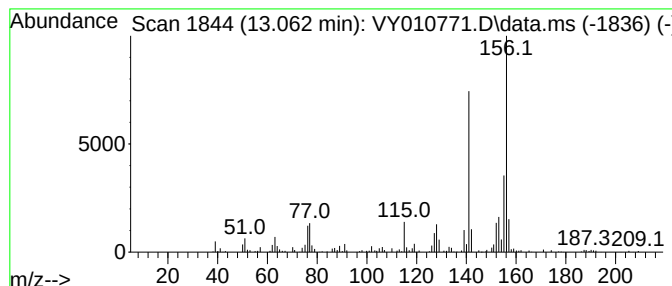
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.062	6.12 ug/l	154318	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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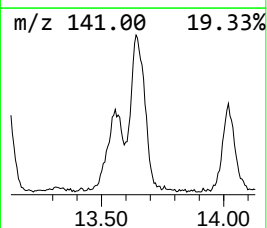
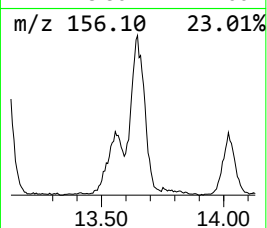
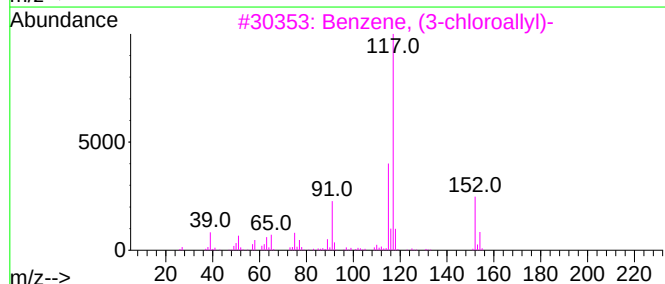
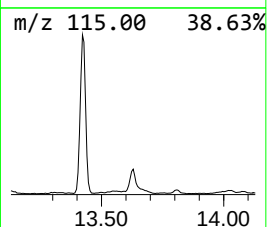
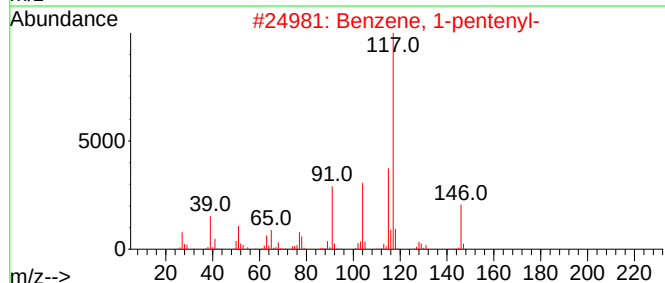
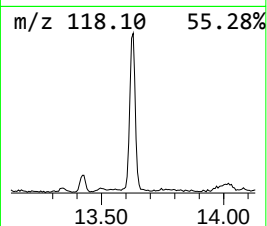
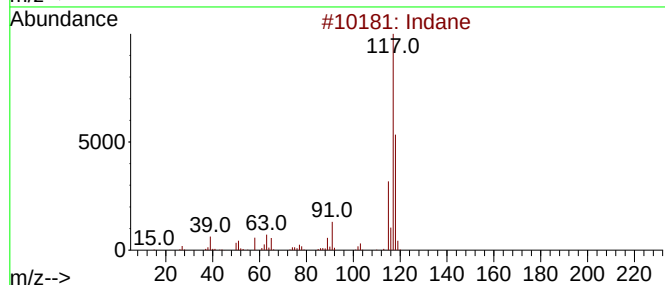
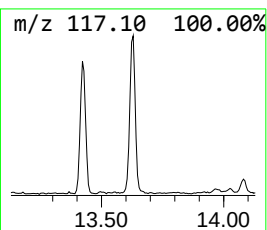
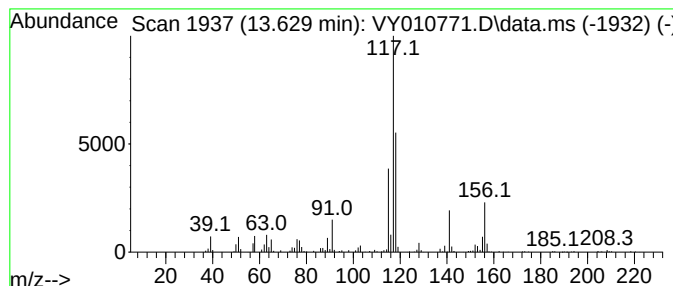
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	13.05 ug/l	328850	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	50
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	47
3	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	47
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	47
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Silanol, trimet...	6.972	5.4	ug/l	86630	1	7.789	799148	50.0
Naphthalene, 1,...	12.392	9.6	ug/l	233207	3	11.490	1212560	50.0
Naphthalene, 2,...	12.928	10.3	ug/l	260559	4	13.422	1260210	50.0
Naphthalene, 2,...	13.062	6.1	ug/l	154318	4	13.422	1260210	50.0
Indane	13.629	13.1	ug/l	328850	4	13.422	1260210	50.0