

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088179.D
 Acq On : 31 Oct 2025 11:55
 Operator : JC\MD
 Sample : Q3447-03 20X
 Misc : 3.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW2-251023-01

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_N\methods\82N102325W.M
 Title : SW846 8260

Signal : TIC: VN088179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.836	140	150	160	rBV3	16963	46344	2.33%	0.314%
2	8.147	1044	1053	1058	rBV	260412	645175	32.48%	4.371%
3	8.206	1058	1063	1078	rVB2	365120	816612	41.11%	5.532%
4	8.559	1113	1123	1135	rBV2	305459	698869	35.18%	4.735%
5	9.083	1203	1212	1226	rBV	666979	1385249	69.73%	9.385%
6	10.541	1451	1460	1469	rBV	1053680	1986455	100.00%	13.458%
7	11.841	1674	1681	1695	rBV	965026	1798176	90.52%	12.183%
8	12.829	1841	1849	1861	rBV	743710	1418662	71.42%	9.611%
9	13.253	1909	1921	1922	rBV3	125439	321036	16.16%	2.175%
10	13.423	1945	1950	1951	rBV5	15200	20224	1.02%	0.137%
11	13.618	1965	1983	2000	rBV2	211752	1167516	58.77%	7.910%
12	13.770	2002	2009	2024	rVB	994665	1812460	91.24%	12.279%
13	13.970	2029	2043	2051	rVV5	226718	939188	47.28%	6.363%
14	14.070	2052	2060	2073	rVB	204453	753254	37.92%	5.103%
15	14.435	2116	2122	2123	rBV6	16891	28998	1.46%	0.196%
16	14.517	2129	2136	2146	rVV3	74568	211660	10.66%	1.434%
17	14.612	2148	2152	2160	rVB9	30074	82802	4.17%	0.561%
18	14.817	2180	2187	2196	rVB4	41650	121748	6.13%	0.825%
19	15.023	2216	2222	2232	rVV4	21062	70166	3.53%	0.475%
20	15.270	2261	2264	2274	rVB9	25355	64485	3.25%	0.437%
21	15.612	2309	2322	2331	rBV4	52587	227221	11.44%	1.539%
22	16.753	2509	2516	2522	rBV3	56843	144004	7.25%	0.976%

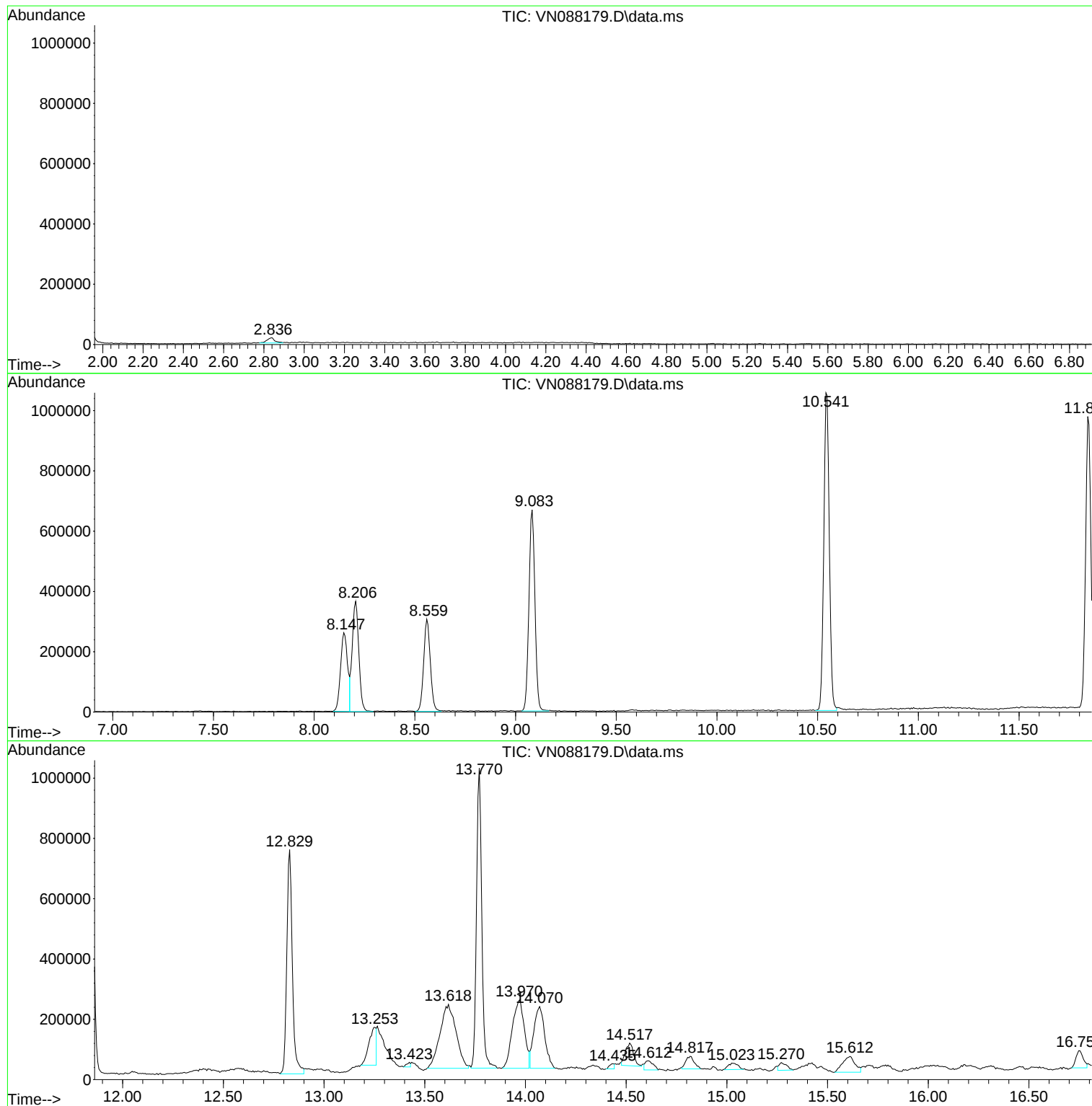
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P001-TW2-251023-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



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Instrument :
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P001-TW2-251023-01

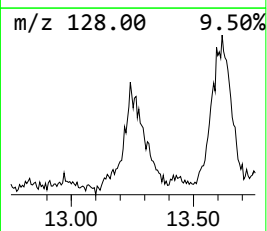
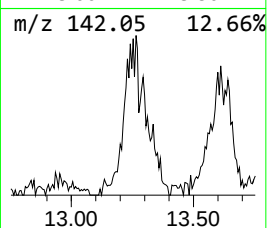
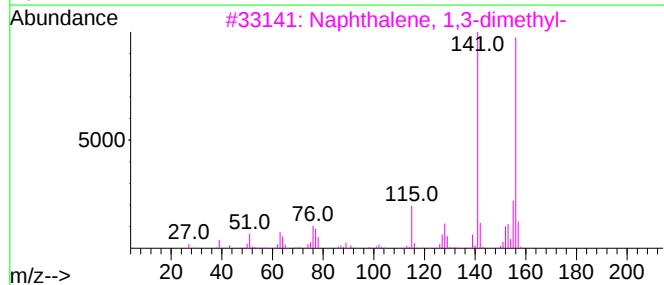
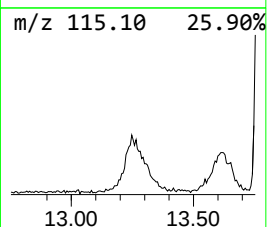
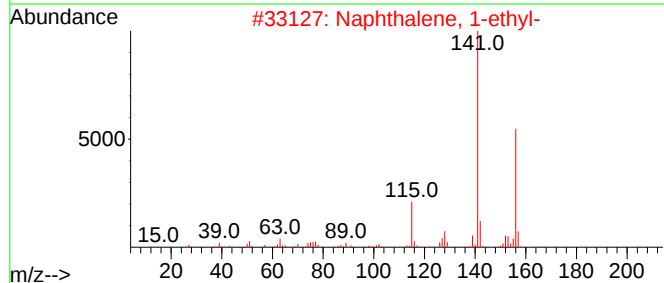
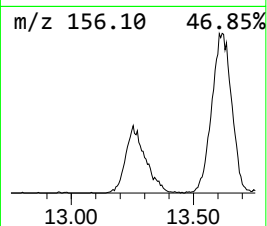
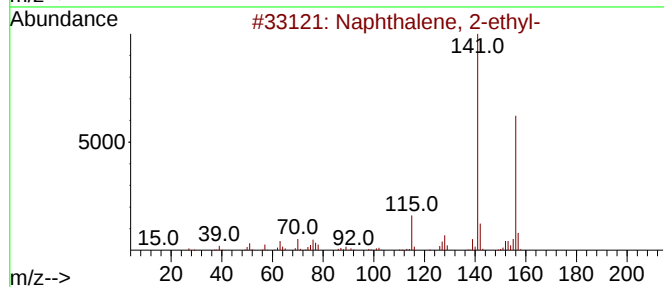
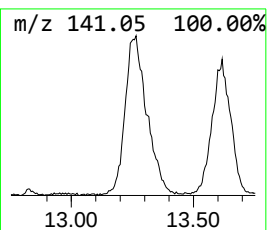
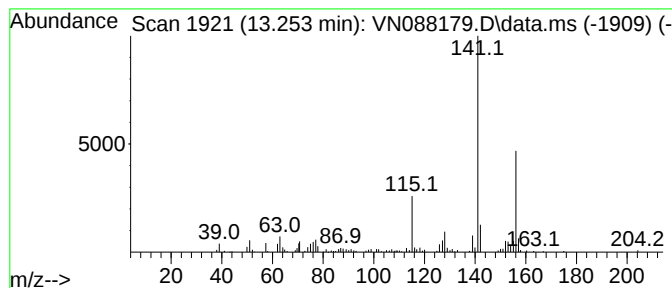
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.253	8.86 ug/l	321036	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			Butethal	212	C10H16N2O3	000077-28-1	59



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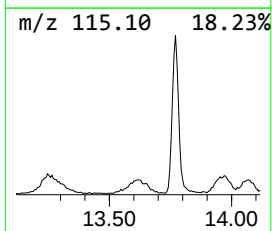
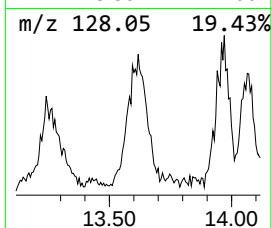
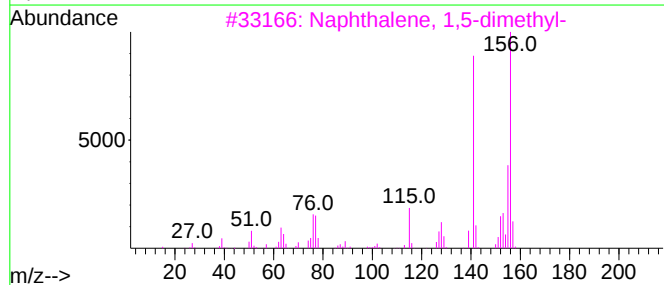
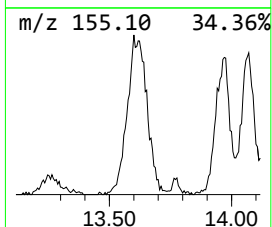
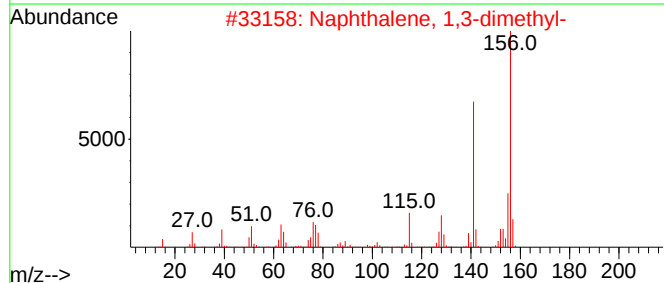
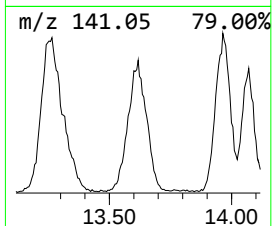
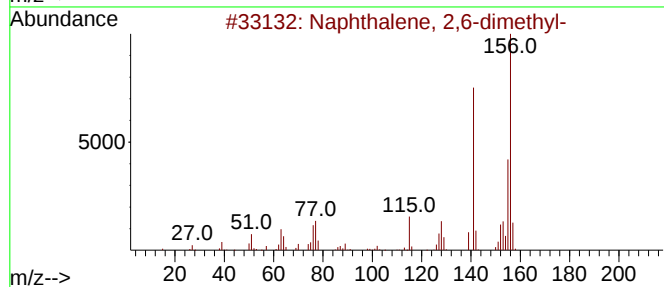
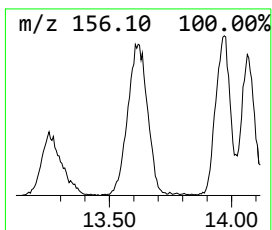
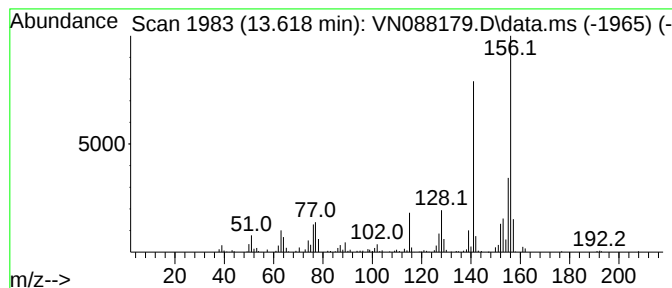
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	32.21 ug/l	1167520	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

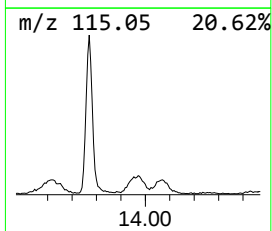
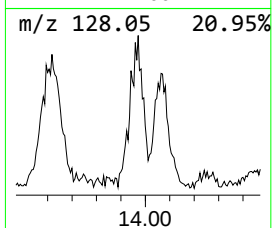
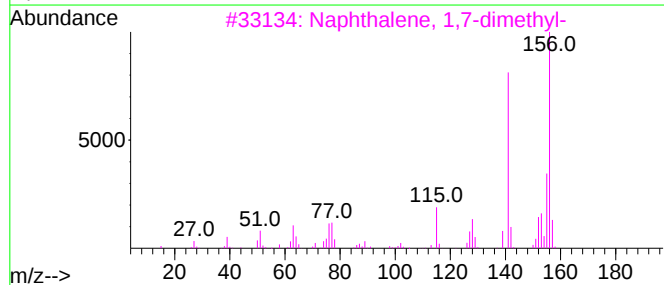
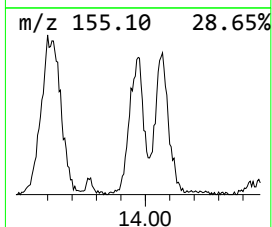
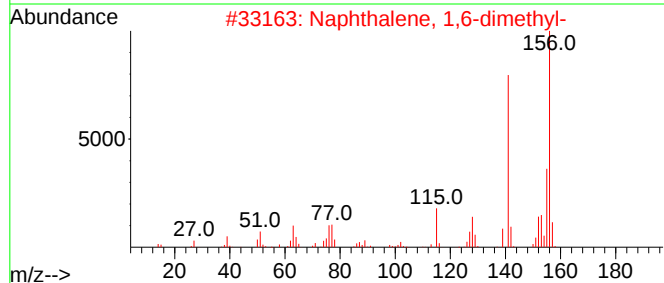
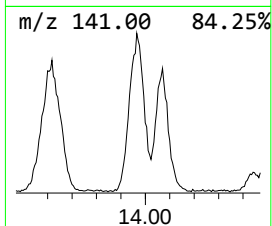
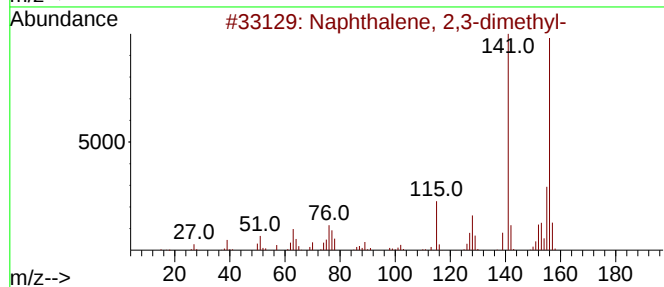
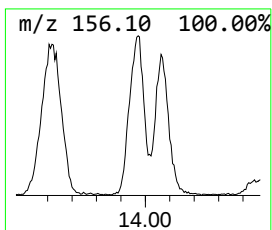
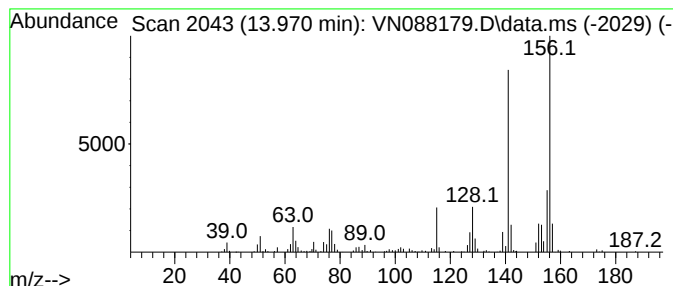
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	25.91 ug/l	939188	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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Instrument :
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ClientSampleId :
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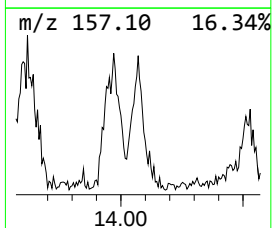
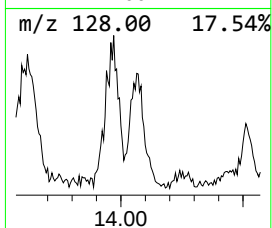
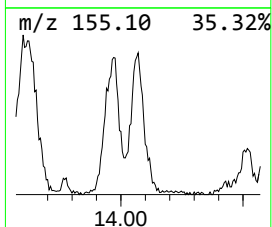
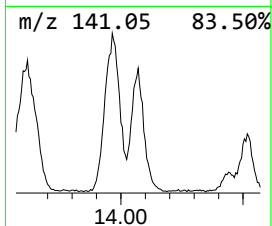
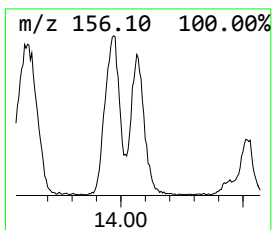
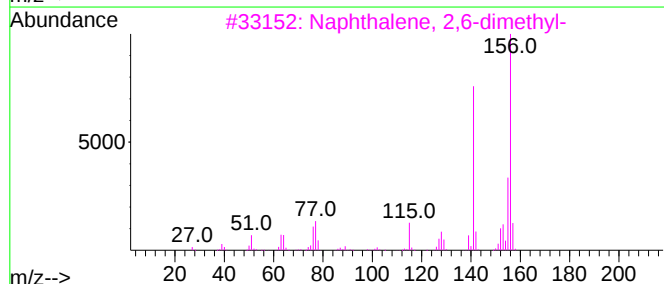
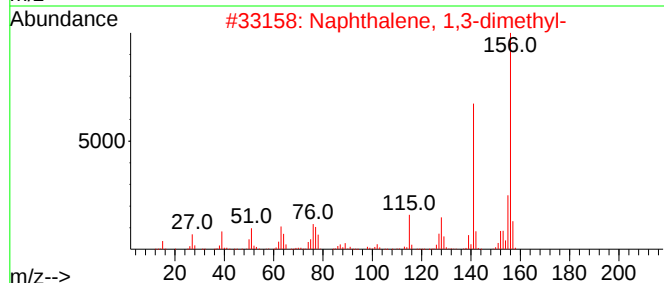
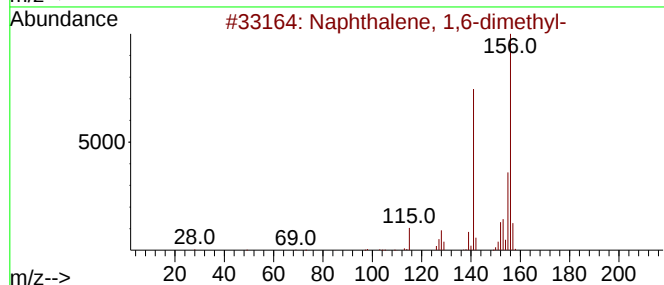
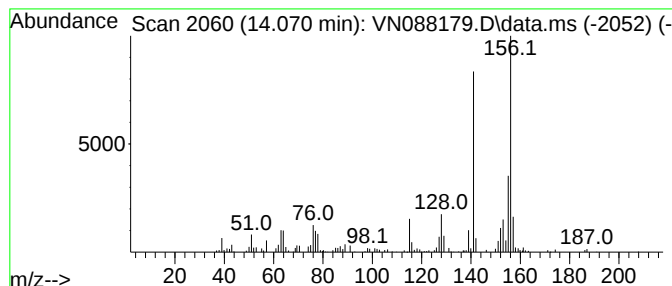
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.070	20.78 ug/l	753254	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



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Instrument :
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ClientSampleId :
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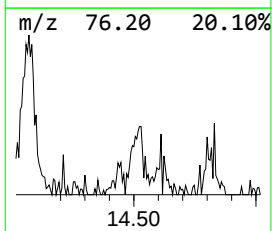
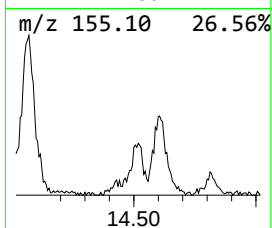
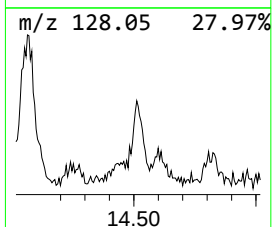
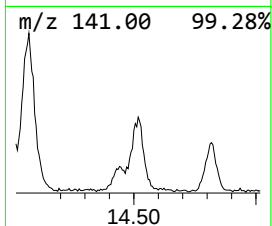
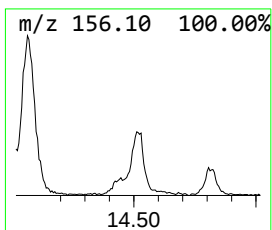
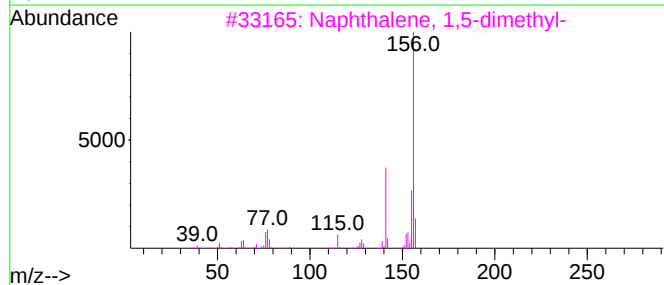
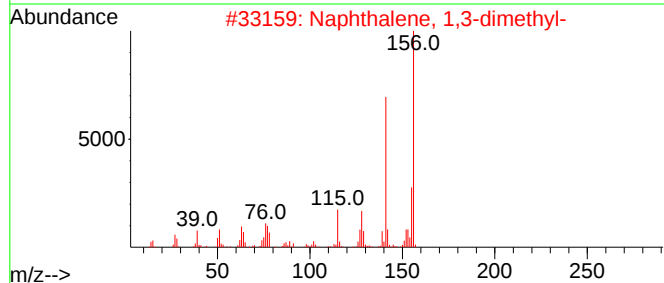
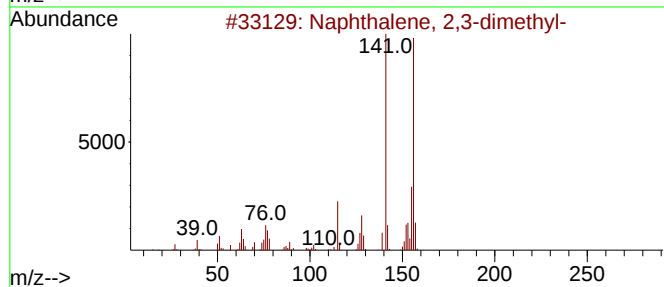
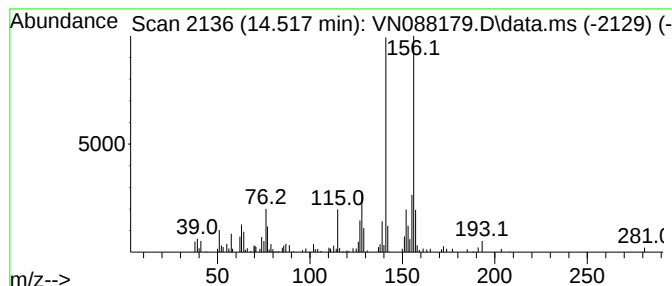
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.518	5.84 ug/l	211660	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91



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Quant Title : SW846 8260

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, 2-...	13.253	8.9	ug/l	321036	4	13.771	1812460	50.0
Naphthalene, 2,...	13.618	32.2	ug/l	1167520	4	13.771	1812460	50.0
Naphthalene, 2,...	13.970	25.9	ug/l	939188	4	13.771	1812460	50.0
Naphthalene, 1,...	14.070	20.8	ug/l	753254	4	13.771	1812460	50.0
Naphthalene, 1,...	14.518	5.8	ug/l	211660	4	13.771	1812460	50.0