

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088185.D
 Acq On : 31 Oct 2025 14:00
 Operator : JC\MD
 Sample : Q3447-05
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW3-251023-01

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: VN088185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.101	19	25	34	rVB	55521	91356	3.01%	0.338%
2	2.312	54	61	68	rBV	37301	66525	2.19%	0.246%
3	2.536	94	99	107	rVB	20557	37986	1.25%	0.140%
4	2.842	138	151	152	rBV5	35364	86468	2.85%	0.320%
5	2.959	168	171	176	rVB2	27174	38223	1.26%	0.141%
6	3.583	270	277	285	rBV4	14430	37377	1.23%	0.138%
7	4.436	411	422	436	rVB	25647	93719	3.09%	0.346%
8	5.018	507	521	534	rBV3	29562	101156	3.34%	0.374%
9	8.147	1042	1053	1057	rBV	297192	737276	24.31%	2.725%
10	8.200	1057	1062	1073	rVB	404145	937144	30.90%	3.463%
11	8.559	1113	1123	1136	rBV	366962	916734	30.22%	3.388%
12	9.077	1201	1211	1221	rBV	764393	1614865	53.24%	5.968%
13	10.541	1453	1460	1467	rBV	1185845	2289706	75.49%	8.462%
14	10.606	1467	1471	1479	rVB	282369	506304	16.69%	1.871%
15	11.841	1675	1681	1693	rVB	1060519	1966575	64.84%	7.268%
16	11.941	1694	1698	1703	rBV	59402	96965	3.20%	0.358%
17	12.829	1843	1849	1858	rBV	797026	1450640	47.83%	5.361%
18	12.935	1863	1867	1872	rVV4	64957	115052	3.79%	0.425%
19	13.265	1914	1923	1939	rVB2	321138	1489818	49.12%	5.506%
20	13.606	1968	1981	1982	rBV2	571766	1469253	48.44%	5.430%
21	13.770	2003	2009	2020	rVB	1132119	2154094	71.02%	7.961%
22	13.970	2030	2043	2052	rBV2	702963	3033062	100.00%	11.209%
23	14.070	2053	2060	2074	rVB4	712232	2526110	83.29%	9.335%
24	14.511	2129	2135	2146	rVV2	333150	964333	31.79%	3.564%
25	14.617	2147	2153	2167	rVB9	152567	555448	18.31%	2.053%
26	14.811	2178	2186	2199	rBV3	224357	744100	24.53%	2.750%
27	15.029	2219	2223	2235	rVB5	162220	422128	13.92%	1.560%
28	15.264	2256	2263	2273	rBV3	143452	454021	14.97%	1.678%
29	15.600	2309	2320	2330	rBV3	304112	1255744	41.40%	4.641%
30	16.194	2414	2421	2430	rVB7	86051	303038	9.99%	1.120%
31	16.753	2508	2516	2522	rBV2	208936	504196	16.62%	1.863%

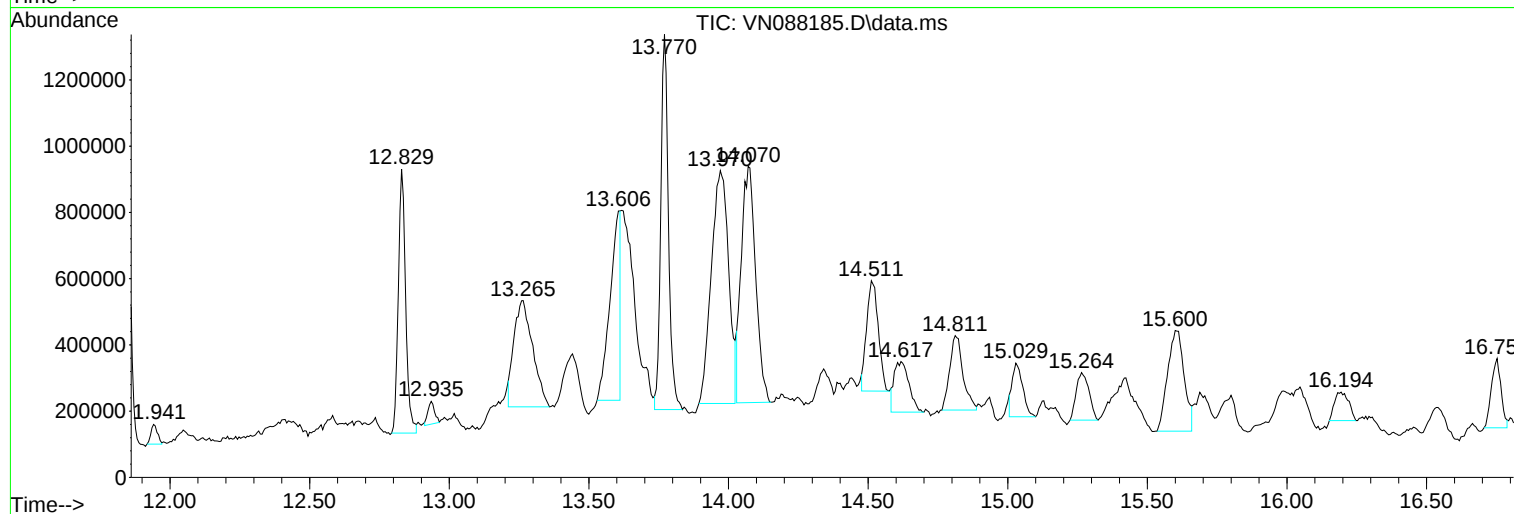
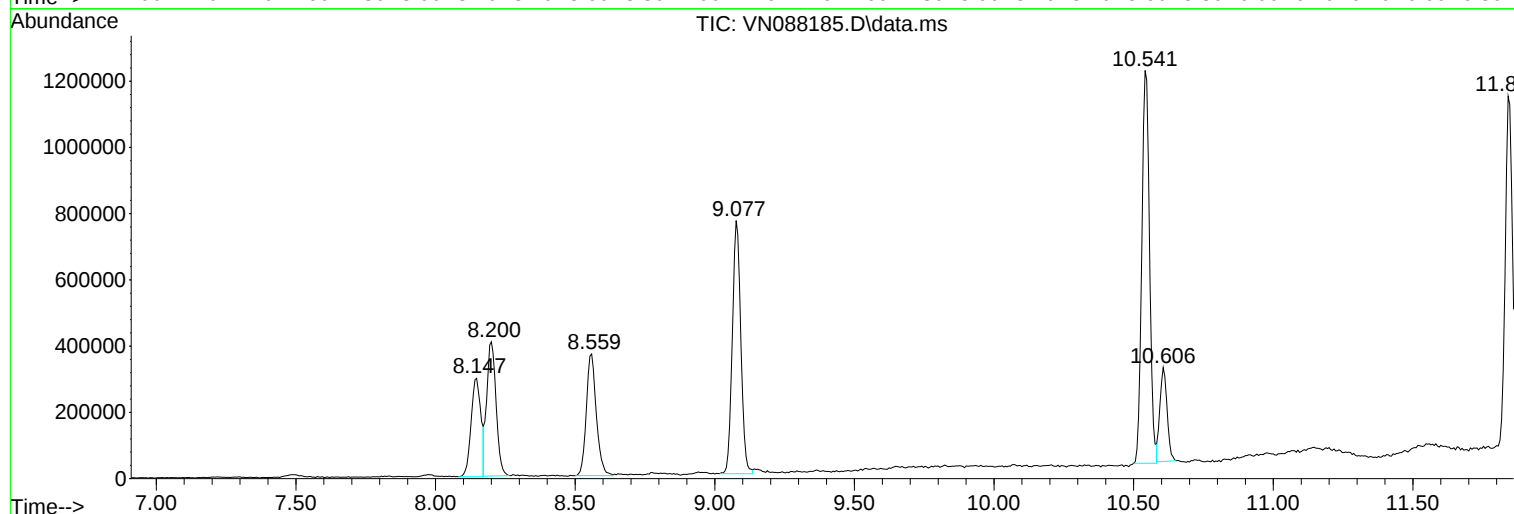
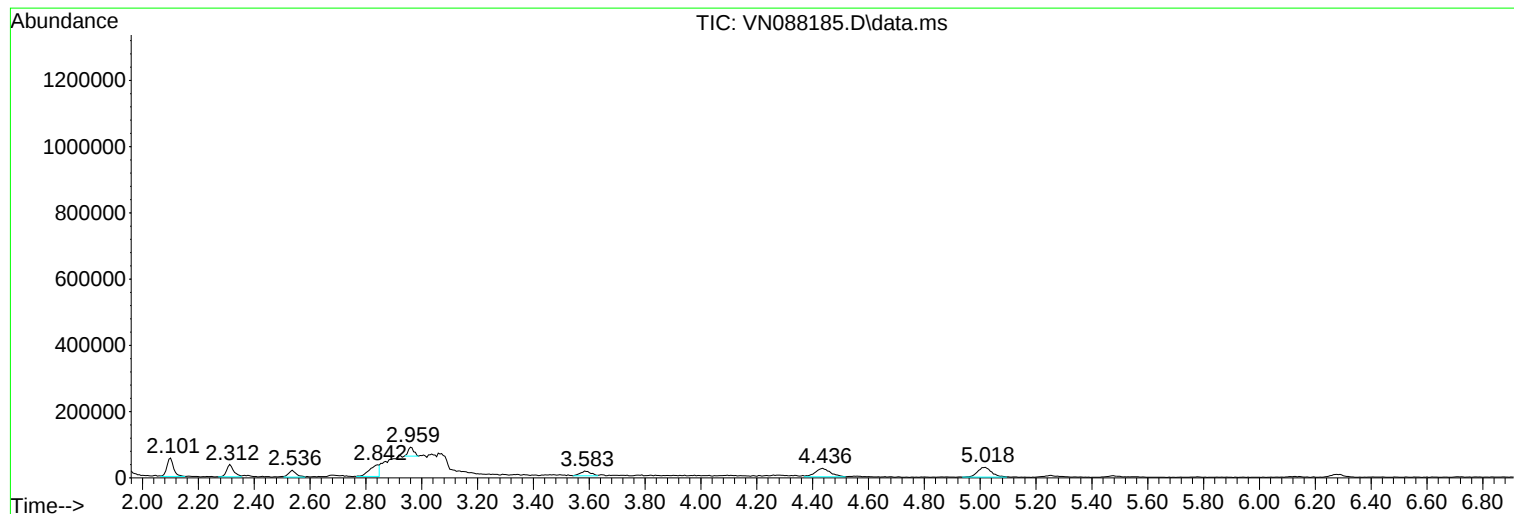
Sum of corrected areas: 27059416

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

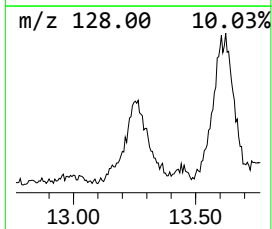
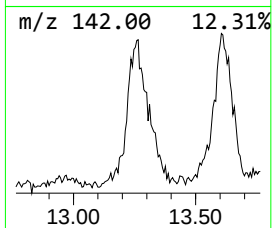
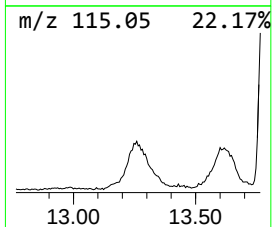
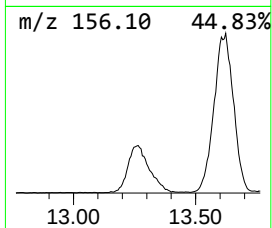
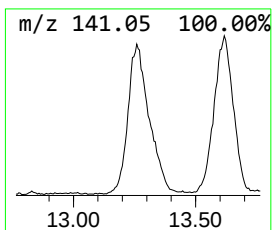
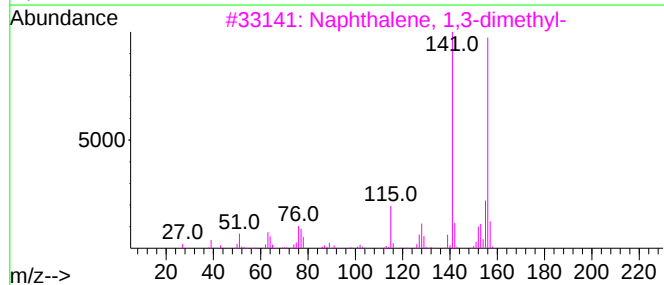
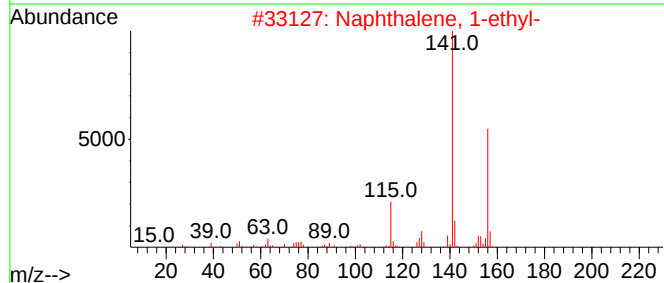
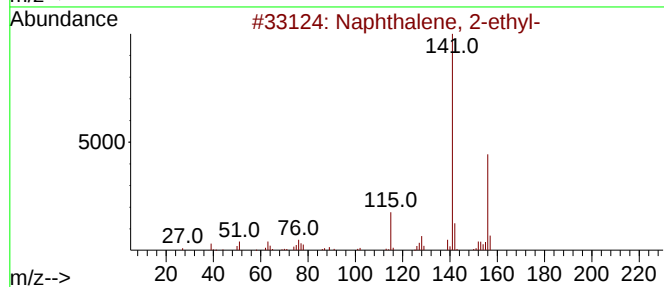
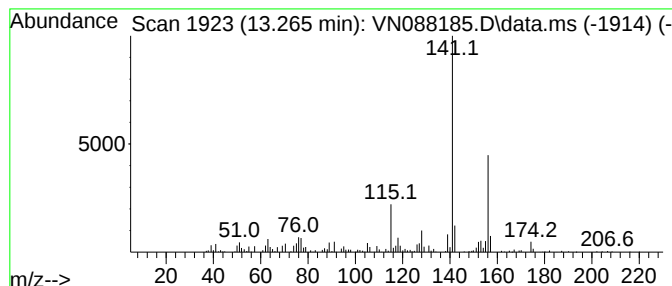
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.265	34.58 ug/l	1489820	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			Butethal	212	C10H16N2O3	000077-28-1	59
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

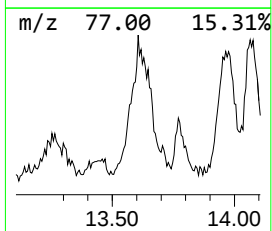
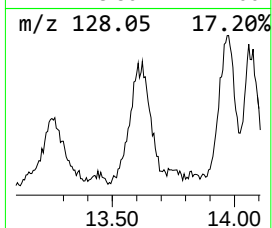
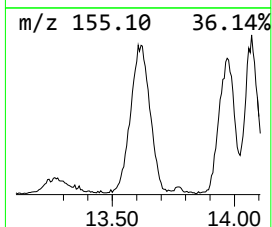
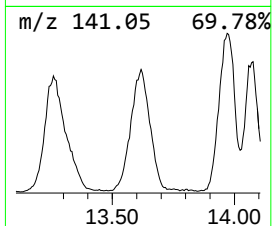
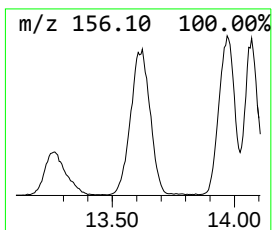
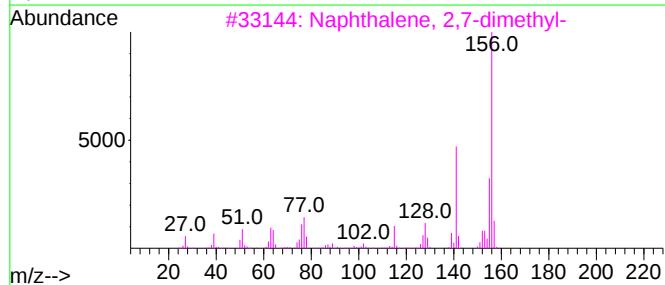
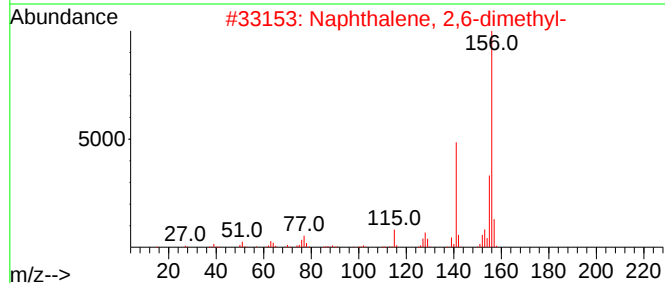
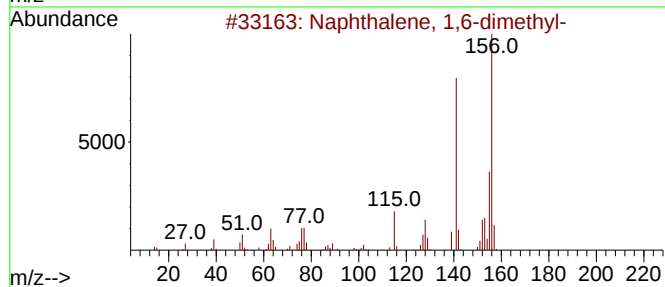
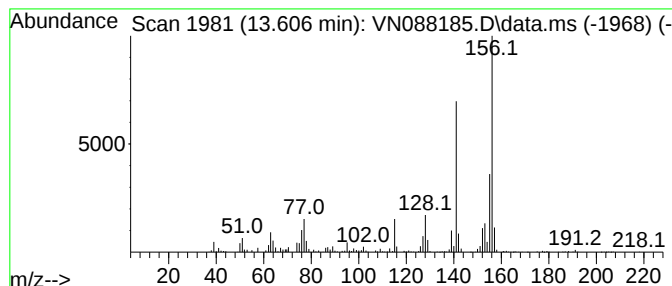
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.606	34.10 ug/l	1469250	1,4-Dichlorobenzene-d4	13.770

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

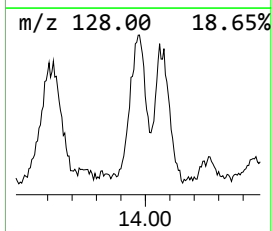
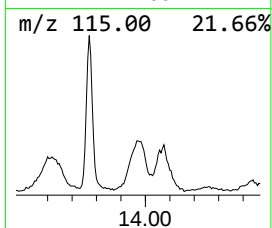
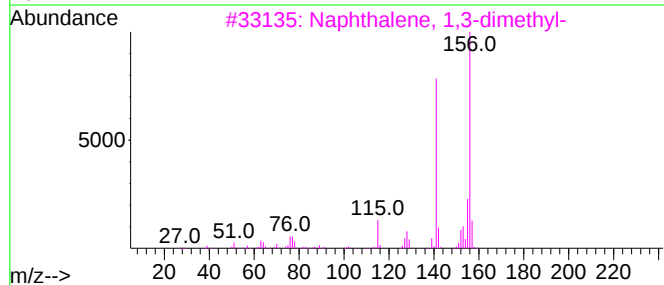
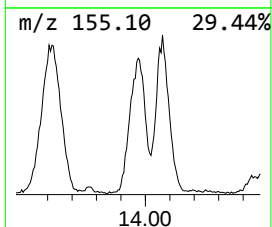
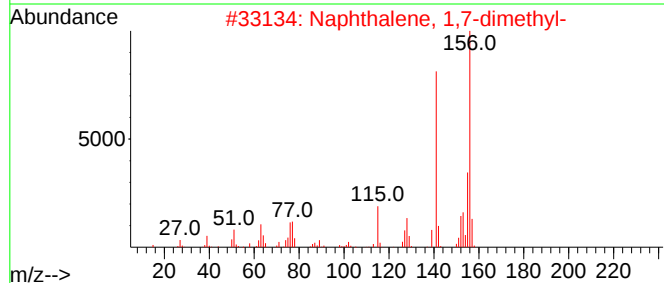
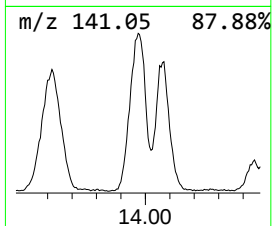
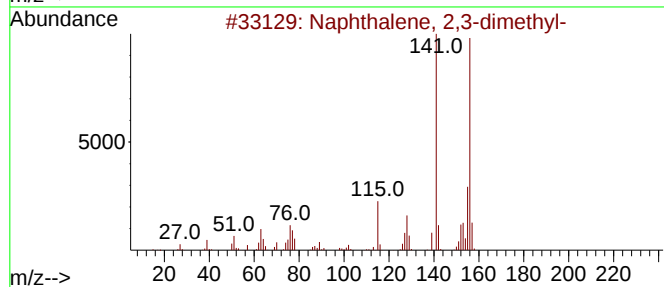
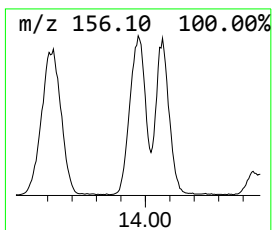
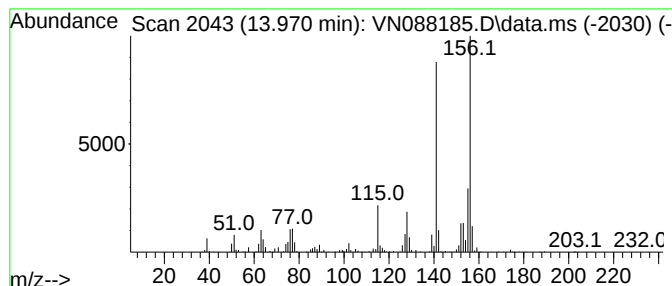
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	70.40 ug/l	3033060	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

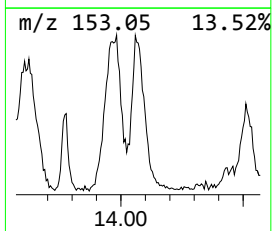
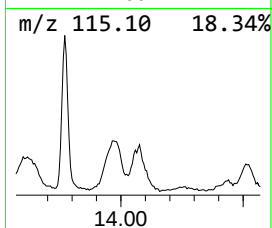
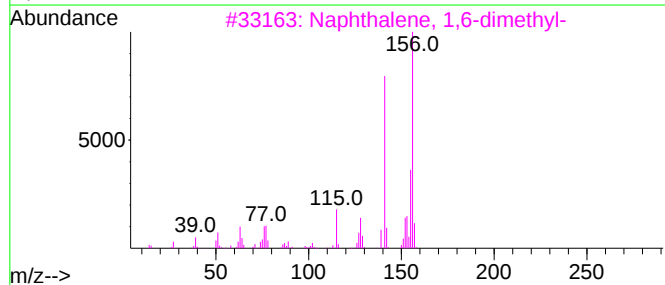
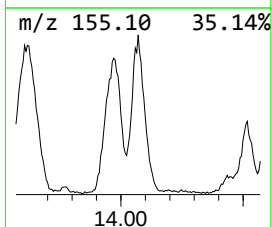
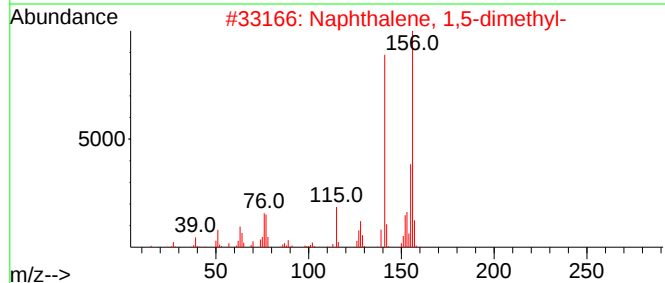
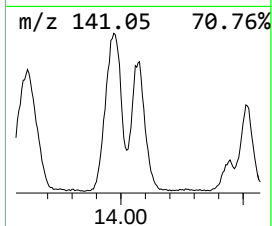
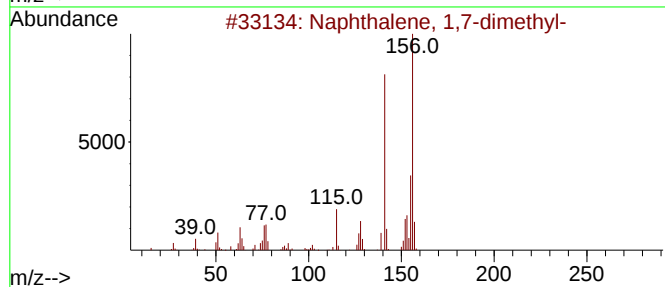
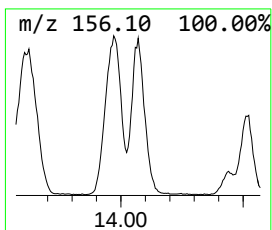
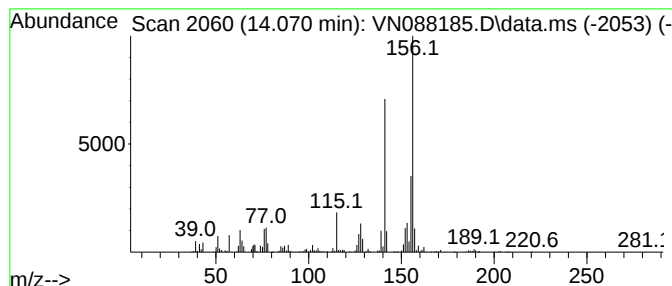
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.070	58.64 ug/l	2526110	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

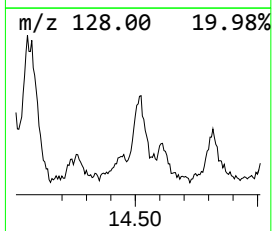
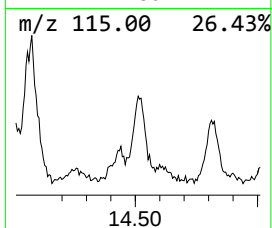
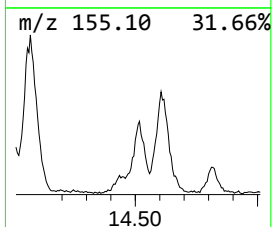
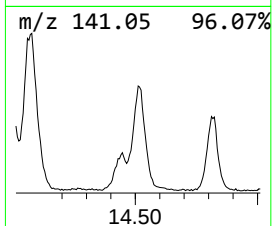
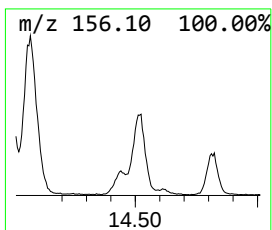
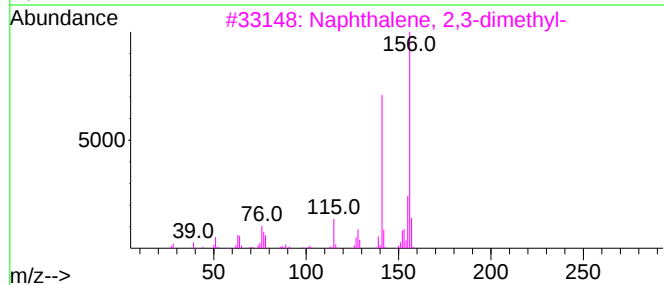
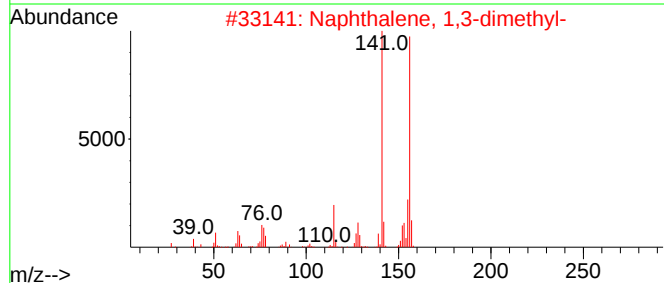
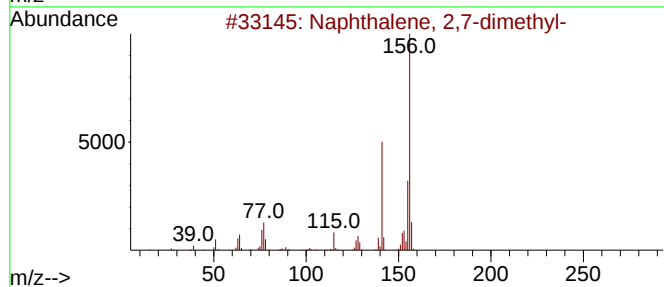
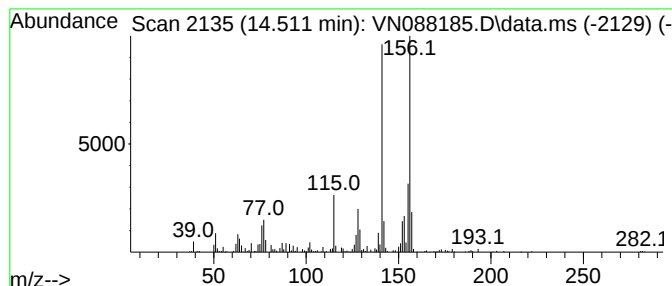
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.512	22.38 ug/l	964333	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

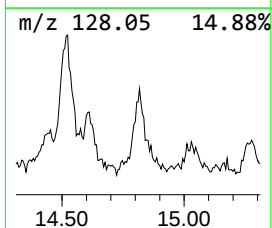
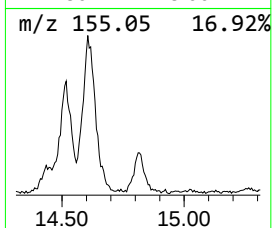
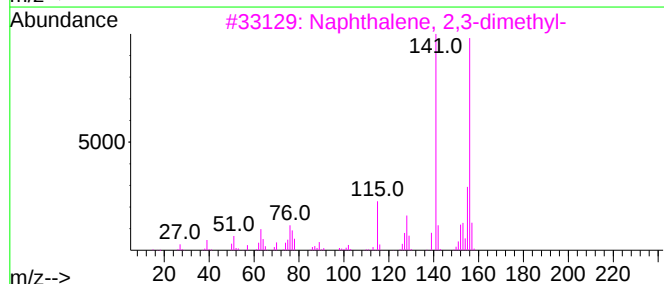
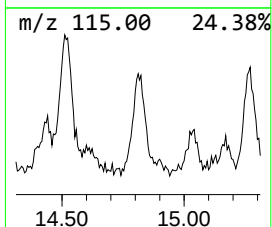
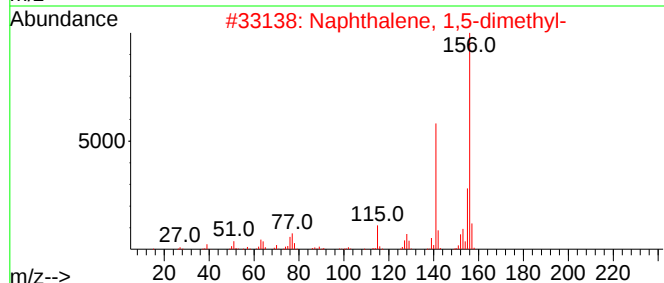
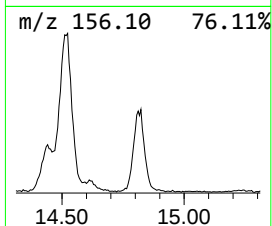
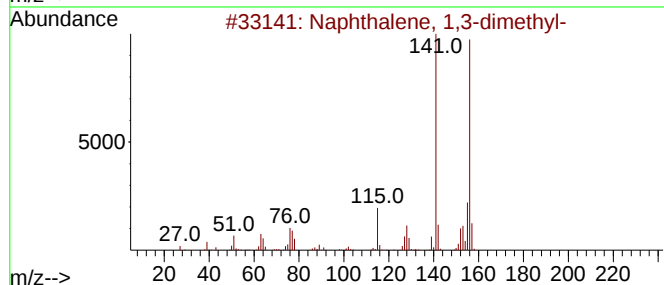
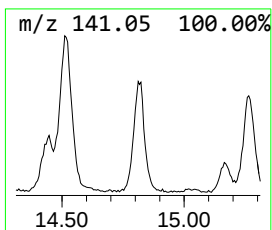
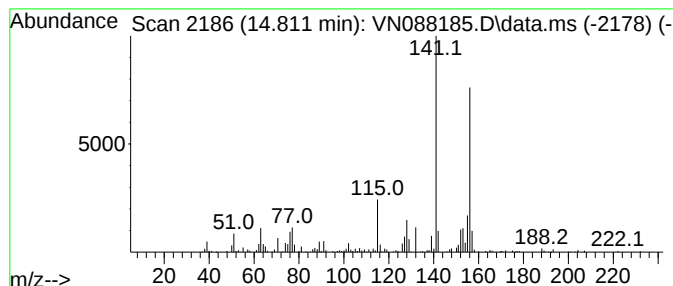
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	17.27 ug/l	744100	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

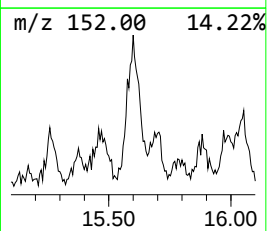
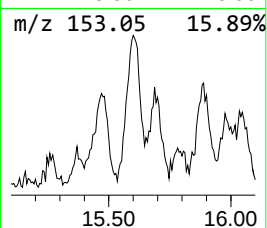
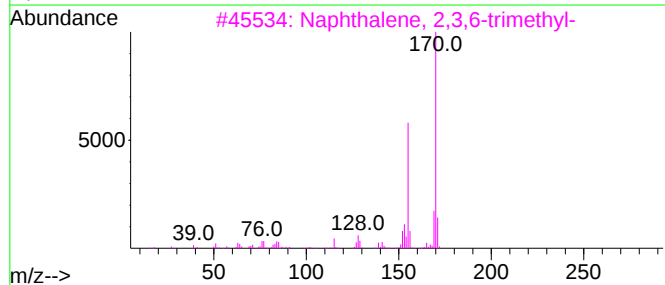
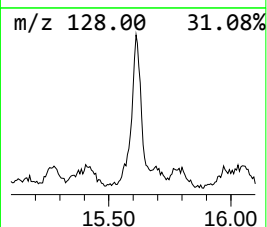
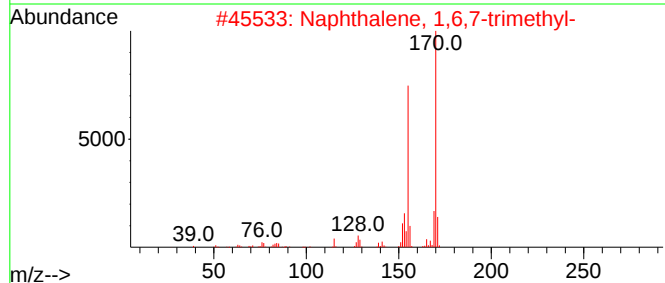
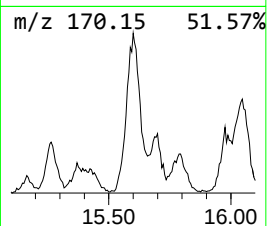
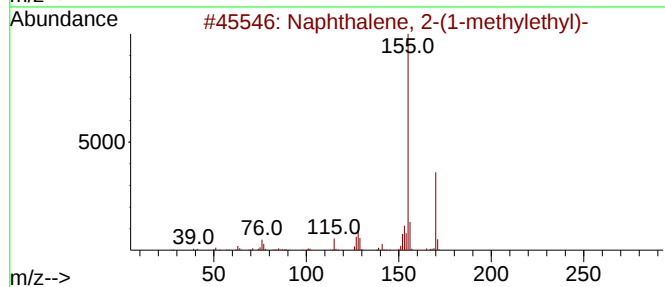
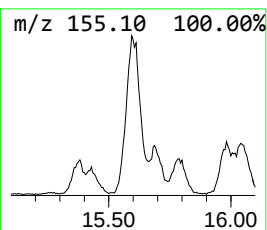
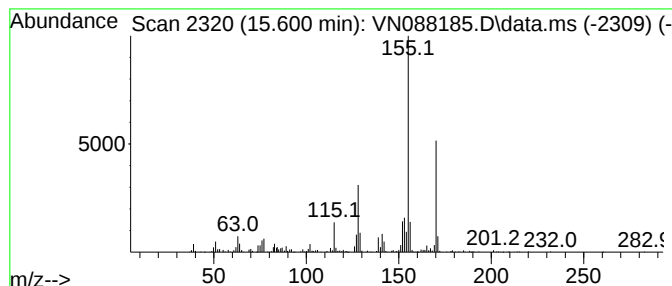
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.600	29.15 ug/l	1255740	1,4-Dichlorobenzene-d4	13.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2-...	13.265	34.6	ug/l	1489820	4	13.770	2154090	50.0
Naphthalene, 1,...	13.606	34.1	ug/l	1469250	4	13.770	2154090	50.0
Naphthalene, 2,...	13.970	70.4	ug/l	3033060	4	13.770	2154090	50.0
Naphthalene, 1,...	14.070	58.6	ug/l	2526110	4	13.770	2154090	50.0
Naphthalene, 2,...	14.512	22.4	ug/l	964333	4	13.770	2154090	50.0
Naphthalene, 1,...	14.812	17.3	ug/l	744100	4	13.770	2154090	50.0
Naphthalene, 2-...	15.600	29.1	ug/l	1255740	4	13.770	2154090	50.0