

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016110.D
 Acq On : 27 Oct 2023 17:43
 Operator : SY/MD
 Sample : 05107-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1049

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\82Y102623S.M
 Title : SW846 8260

Signal : TIC: VY016110.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	464	474	489	rBV2	21862	69811	1.70%	0.335%
2	6.972	835	845	860	rBV	32852	103305	2.52%	0.495%
3	7.716	957	967	973	rBV	114314	270112	6.59%	1.295%
4	7.789	973	979	989	rVB	191417	425036	10.36%	2.038%
5	8.142	1024	1037	1047	rBV2	115671	289481	7.06%	1.388%
6	8.691	1118	1127	1137	rBV	282890	572440	13.96%	2.745%
7	10.178	1364	1371	1377	rBV	467715	817092	19.93%	3.918%
8	10.581	1432	1437	1448	rVB	59759	120997	2.95%	0.580%
9	10.947	1493	1497	1502	rVB	25920	43857	1.07%	0.210%
10	11.489	1580	1586	1594	rVB	431371	692564	16.89%	3.321%
11	11.904	1641	1654	1670	rBV2	91809	540117	13.17%	2.590%
12	12.410	1718	1737	1741	rBV	437082	2044670	49.86%	9.805%
13	12.483	1745	1749	1767	rVV4	714470	1960329	47.80%	9.401%
14	12.648	1770	1776	1789	rVB4	76906	319378	7.79%	1.532%
15	12.965	1810	1828	1839	rBV	894136	4100758	100.00%	19.665%
16	13.099	1839	1850	1866	rVB3	416221	2151597	52.47%	10.318%
17	13.422	1898	1903	1916	rVB	484521	894380	21.81%	4.289%
18	13.580	1919	1929	1934	rVV	110286	392412	9.57%	1.882%
19	13.666	1935	1943	1954	rVB2	300924	1047139	25.54%	5.022%
20	14.031	1994	2003	2026	rVB	177122	745542	18.18%	3.575%
21	14.300	2037	2047	2063	rVB6	89670	352877	8.61%	1.692%
22	14.537	2079	2086	2095	rBV3	36084	118647	2.89%	0.569%
23	14.733	2106	2118	2130	rVB3	159791	604417	14.74%	2.898%
24	14.867	2130	2140	2150	rBV2	71754	273568	6.67%	1.312%
25	15.050	2164	2170	2177	rVB3	33031	74893	1.83%	0.359%
26	15.232	2191	2200	2206	rBV	274463	527565	12.87%	2.530%
27	15.434	2222	2233	2242	rVB6	52984	157298	3.84%	0.754%
28	15.738	2278	2283	2292	rVB5	21973	69360	1.69%	0.333%
29	15.897	2302	2309	2324	rVV5	16927	68426	1.67%	0.328%
30	16.293	2367	2374	2381	rVV	263348	520729	12.70%	2.497%
31	16.360	2381	2385	2391	rVB	29054	48700	1.19%	0.234%
32	16.488	2398	2406	2420	rVB	203731	435464	10.62%	2.088%

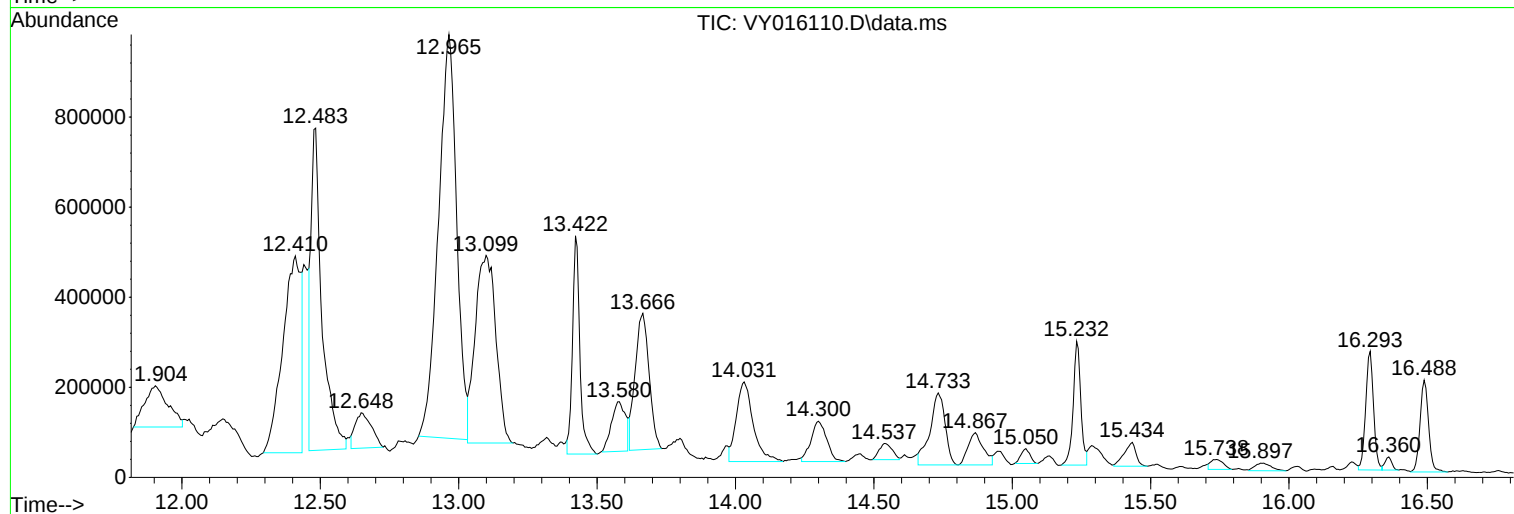
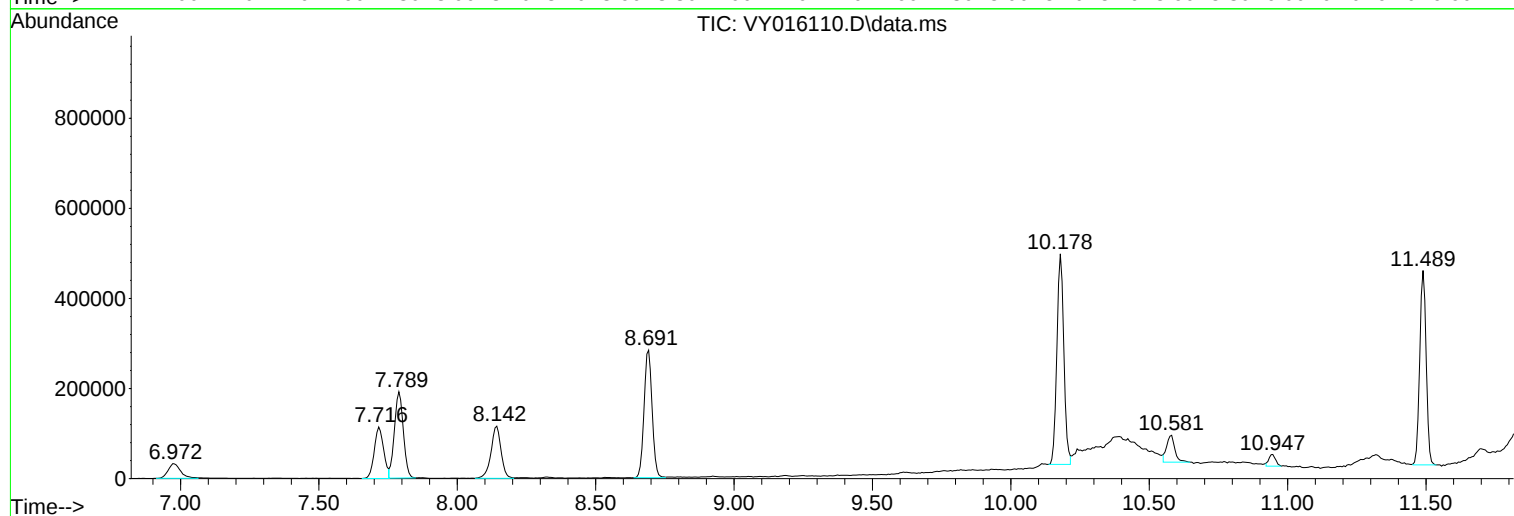
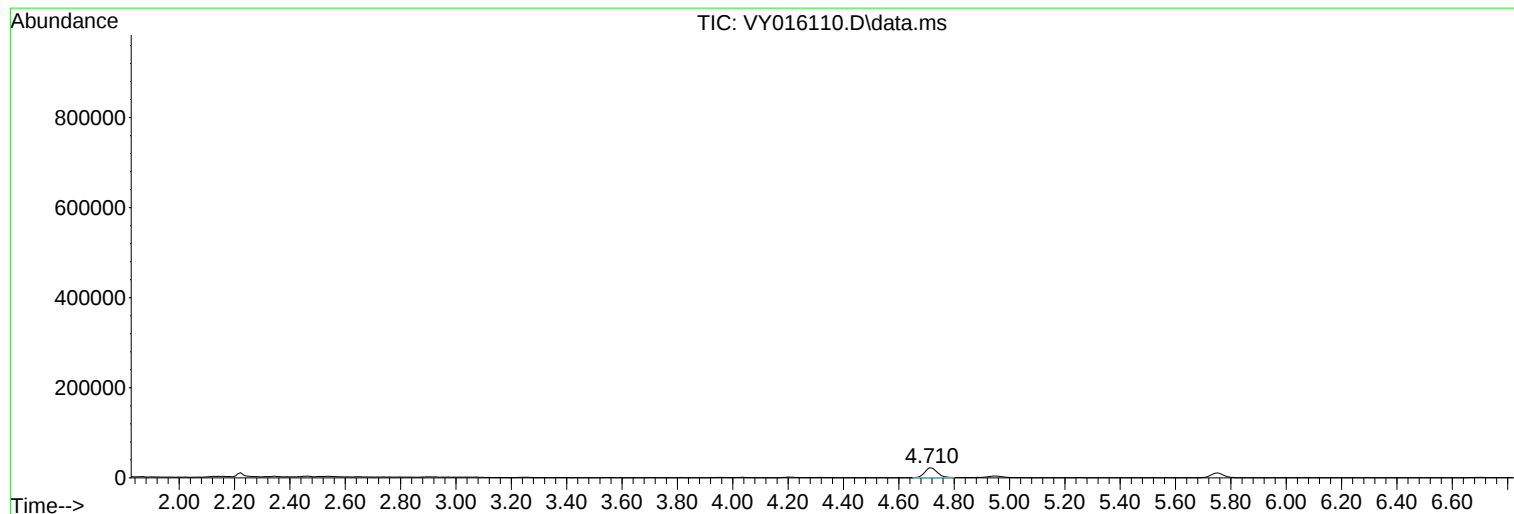
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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



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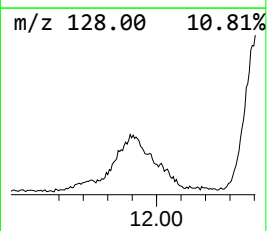
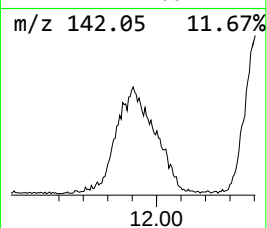
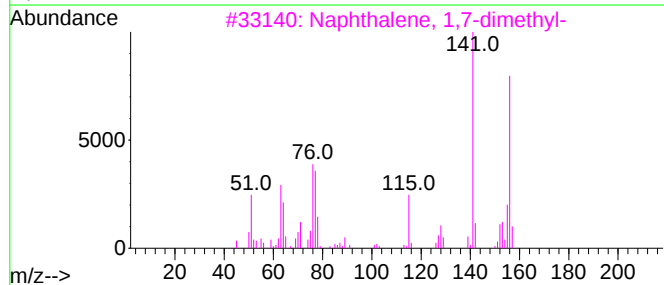
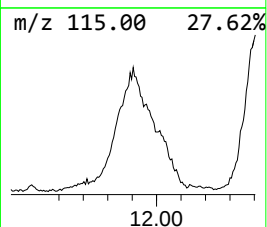
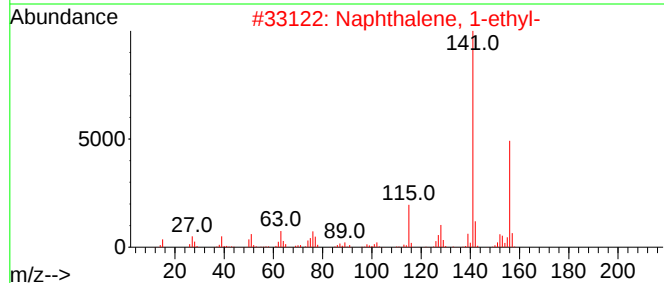
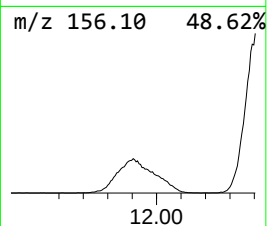
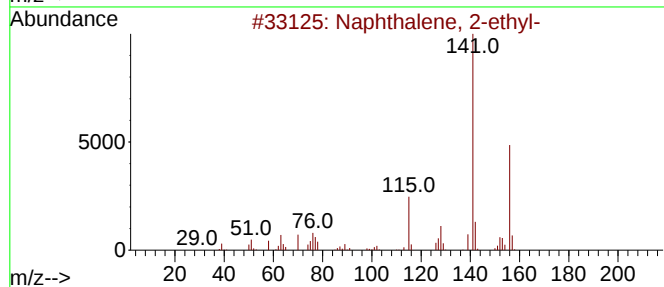
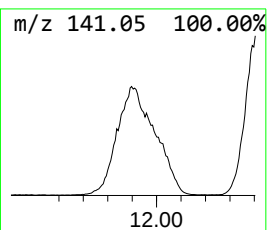
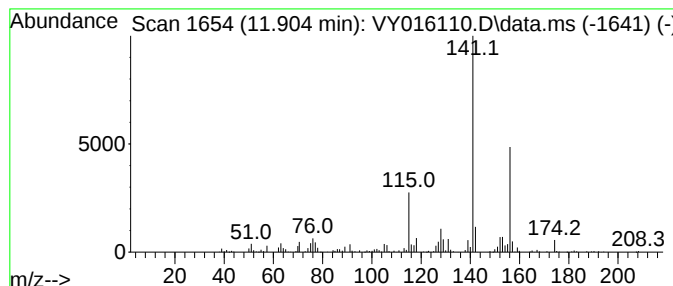
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	38.99 ug/l	540117	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	58



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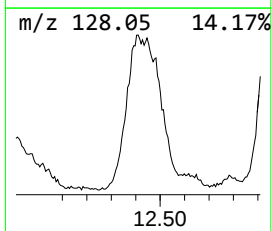
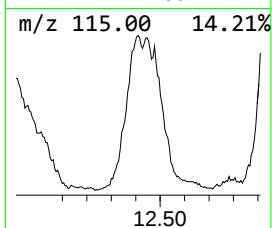
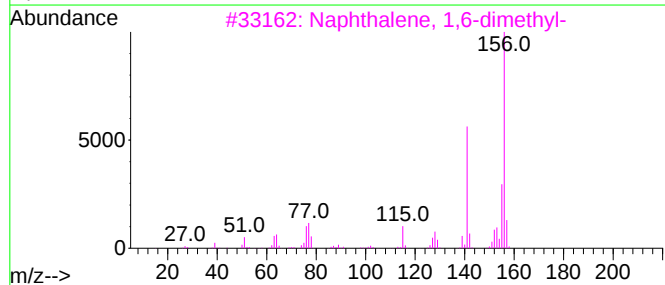
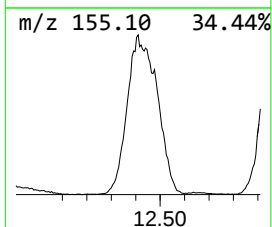
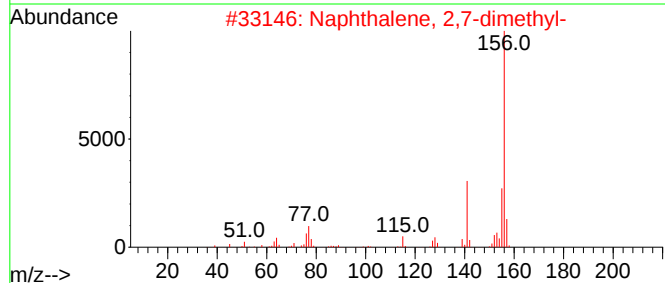
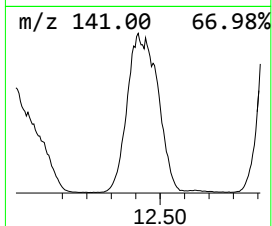
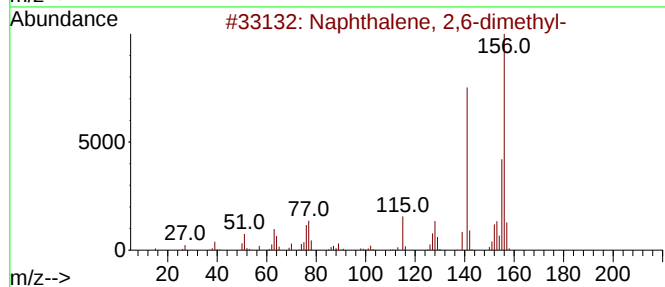
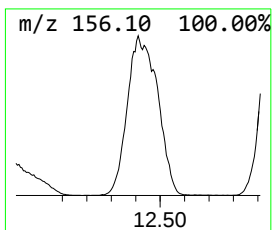
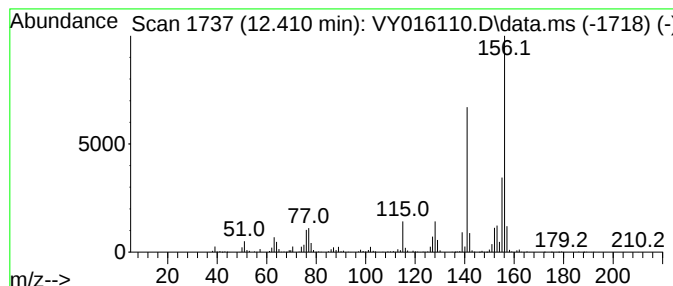
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	147.62 ug/l	2044670	Chlorobenzene-d5	11.489

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



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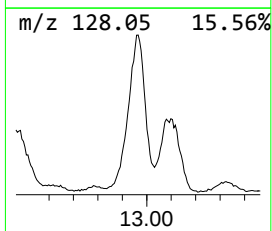
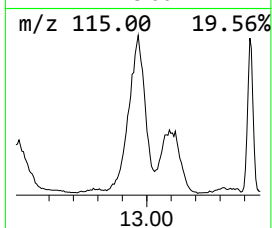
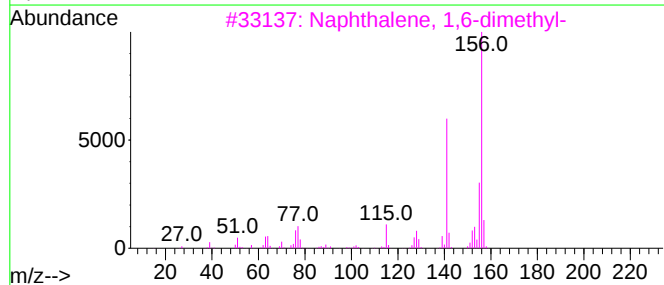
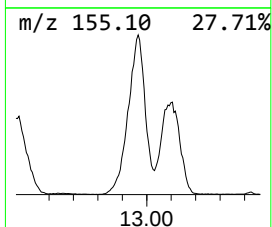
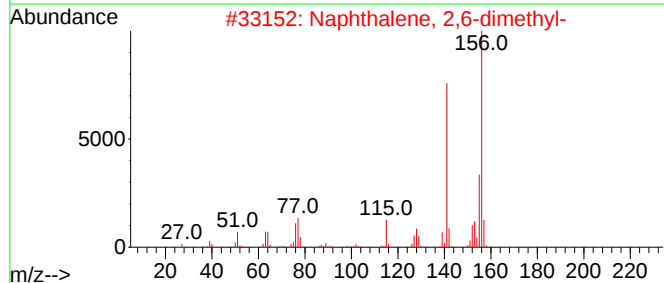
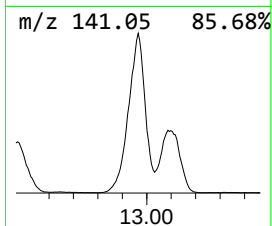
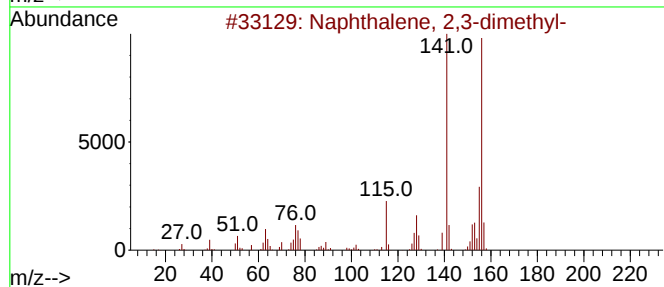
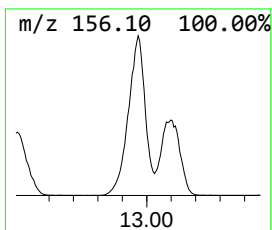
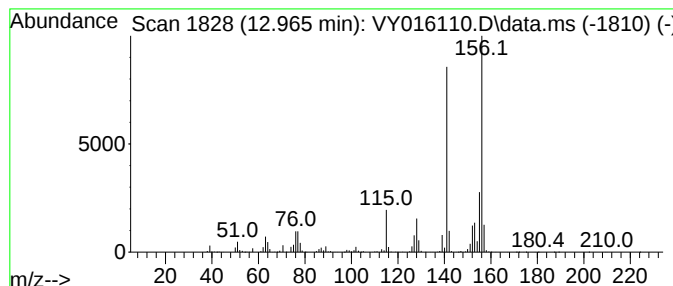
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	229.25 ug/l	4100760	1,4-Dichlorobenzene-d4	13.428

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



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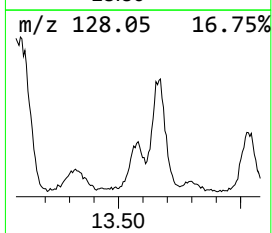
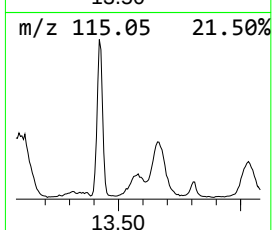
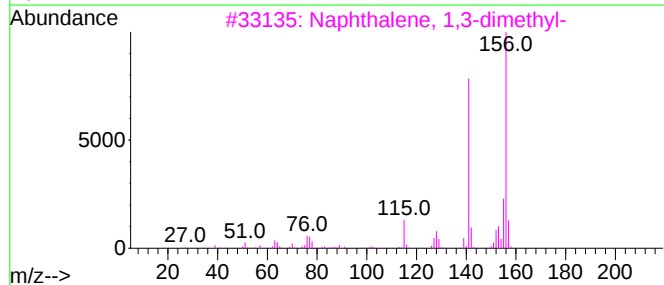
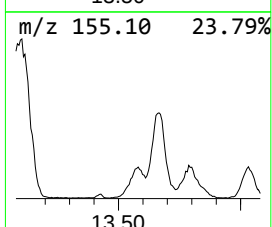
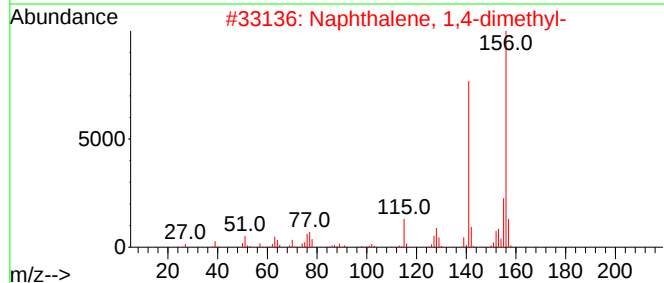
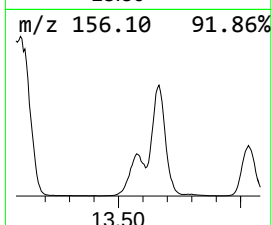
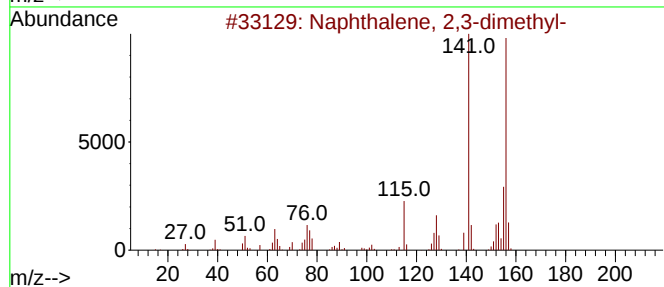
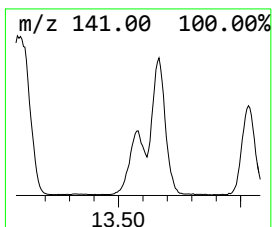
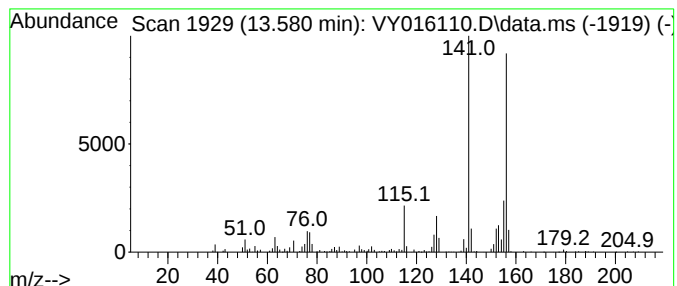
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	21.94 ug/l	392412	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



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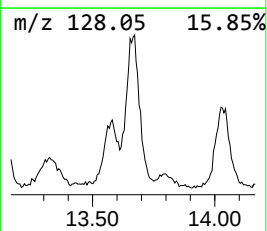
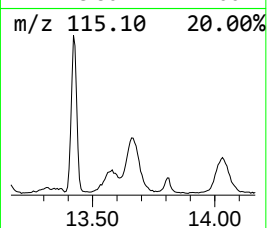
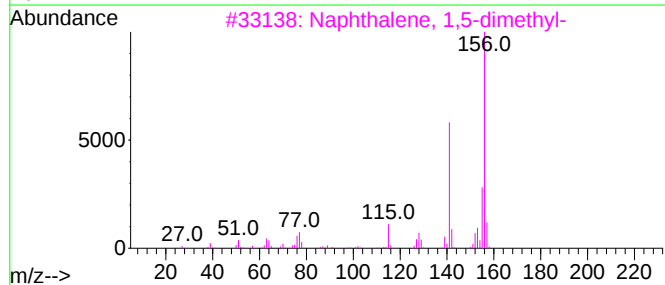
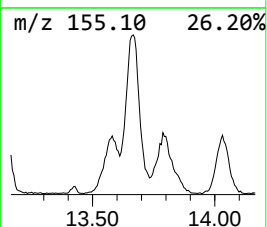
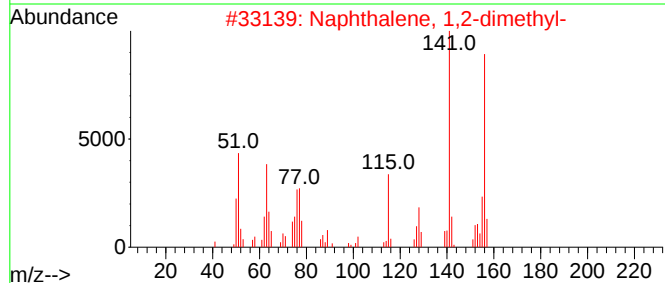
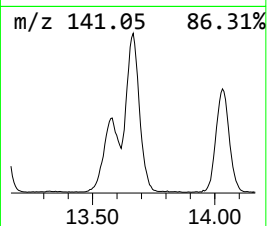
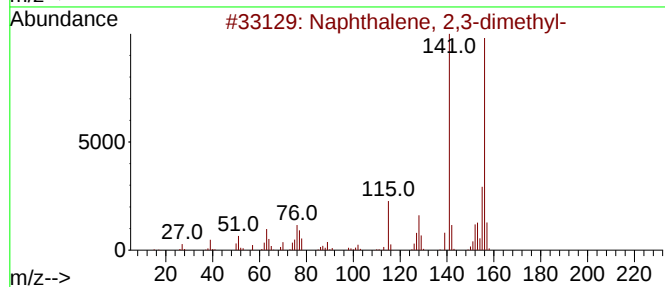
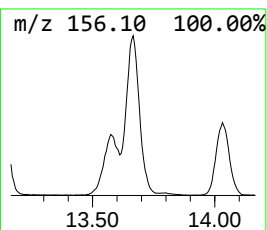
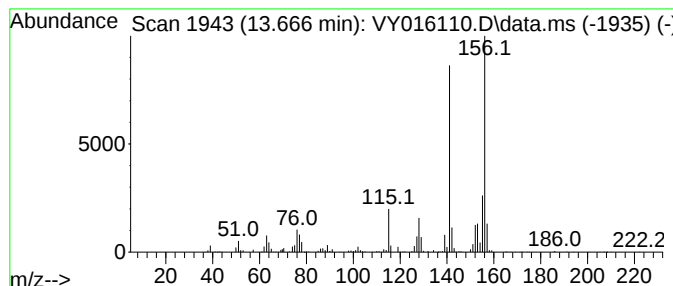
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	58.54 ug/l	1047140	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

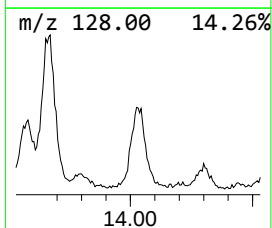
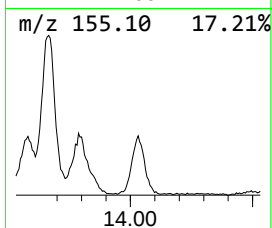
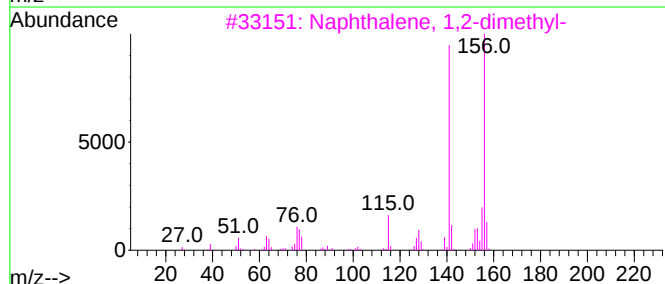
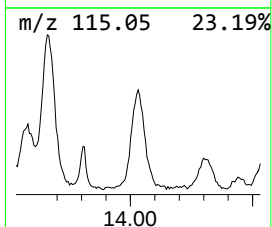
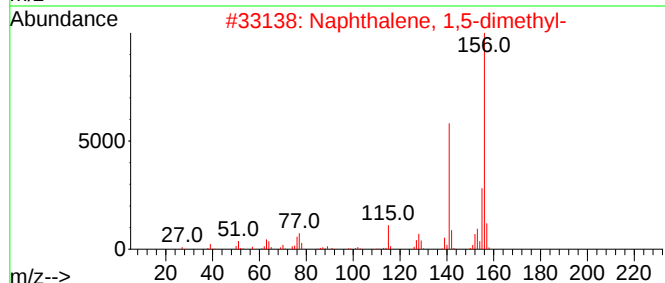
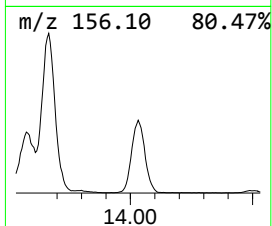
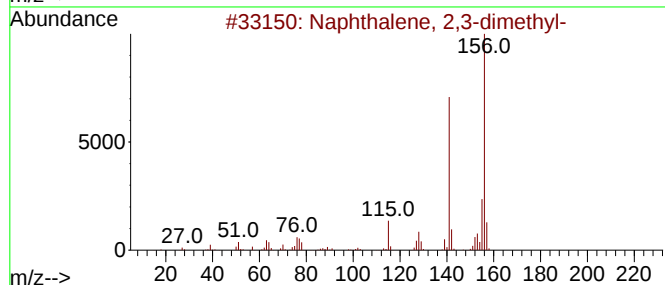
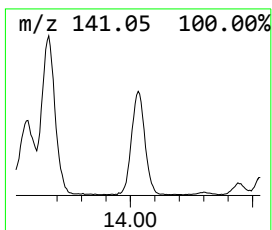
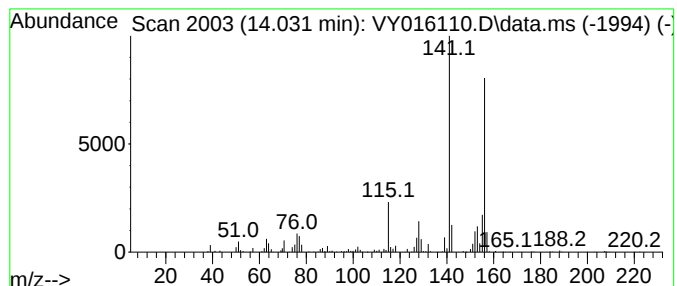
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	41.68 ug/l	745542	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

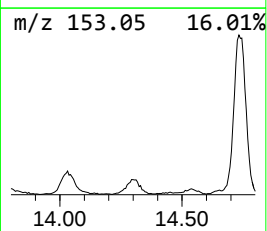
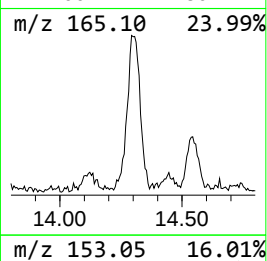
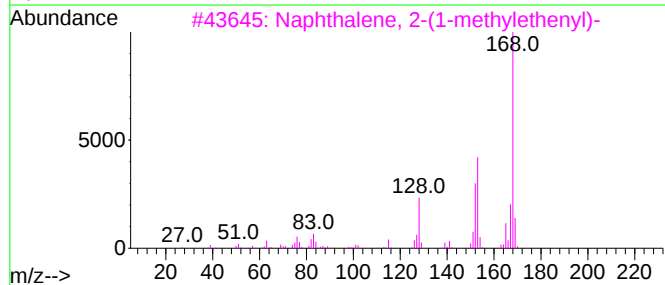
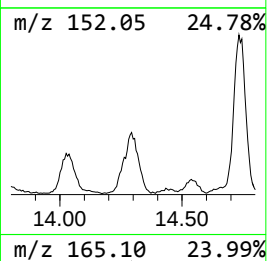
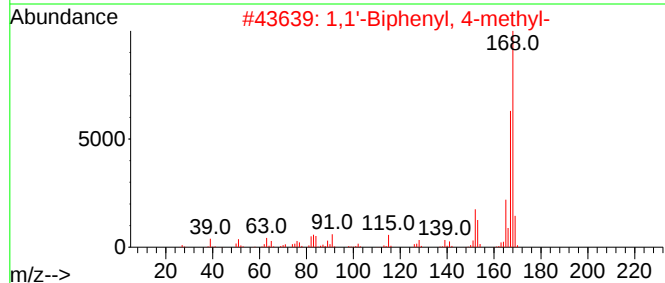
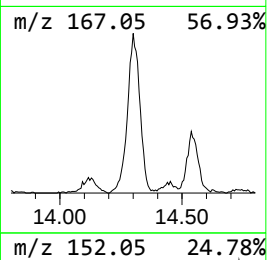
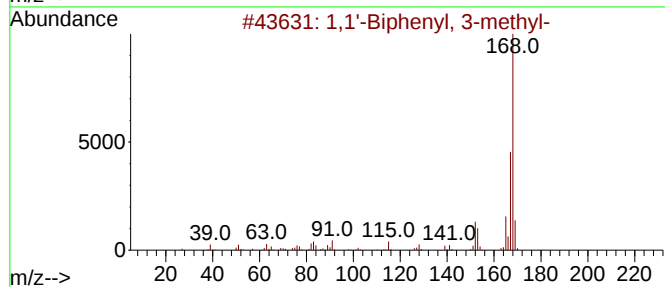
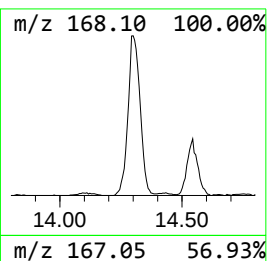
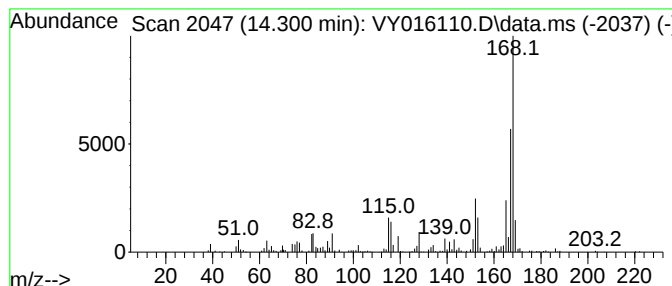
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Quant Title : SW846 8260

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

Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	19.73 ug/l	352877	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4			Diphenylmethane	168	C13H12	000101-81-5	46
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

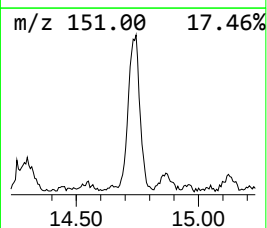
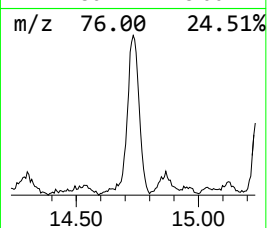
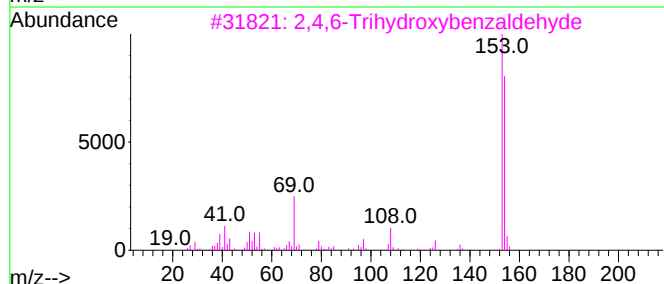
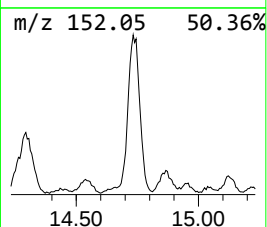
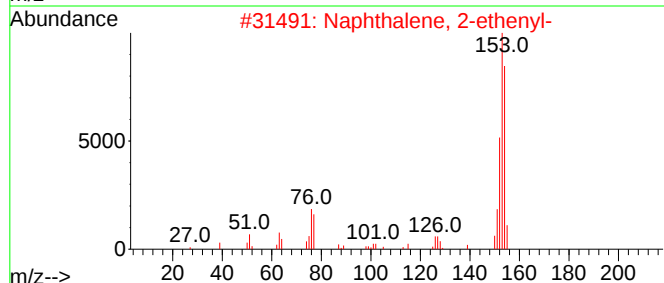
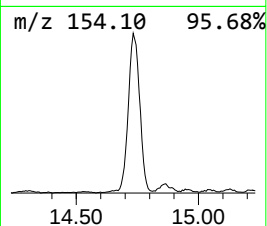
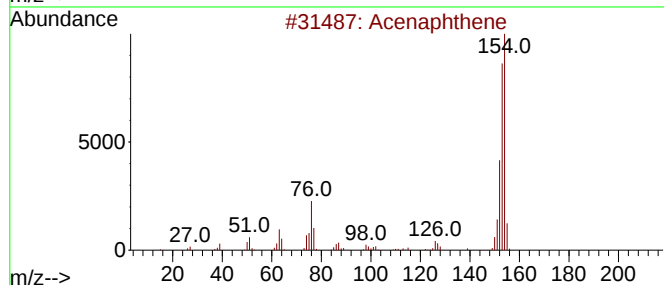
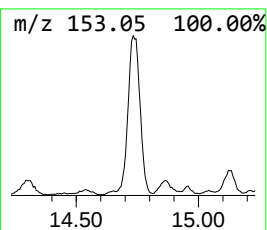
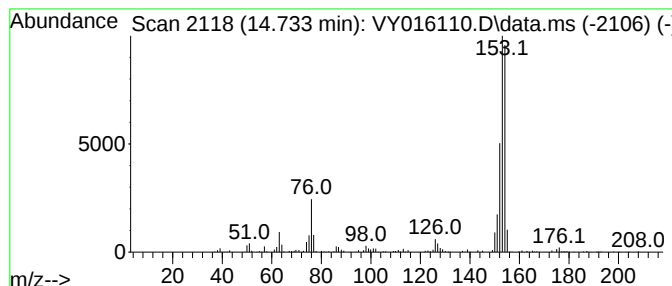
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Quant Title : SW846 8260

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

Peak Number 8 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	33.79 ug/l	604417	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
4			.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	50
5			Biphenyl	154	C12H10	000092-52-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

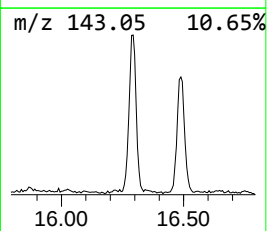
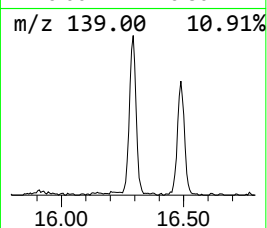
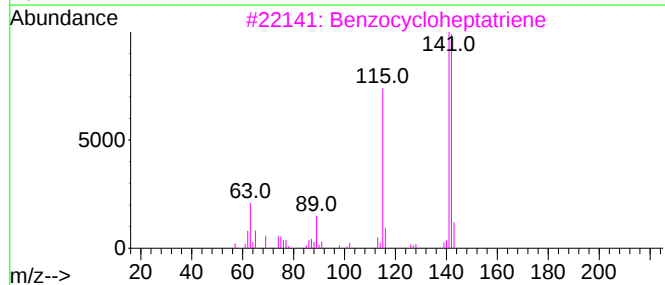
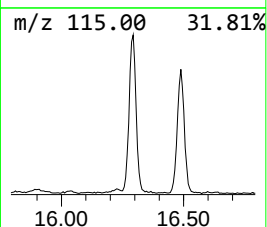
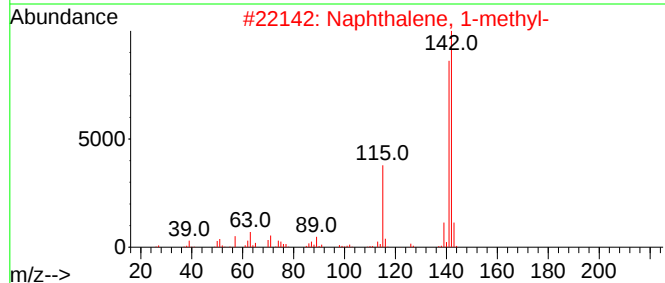
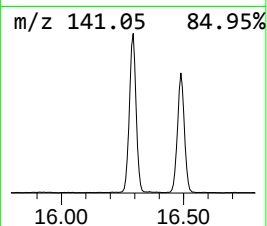
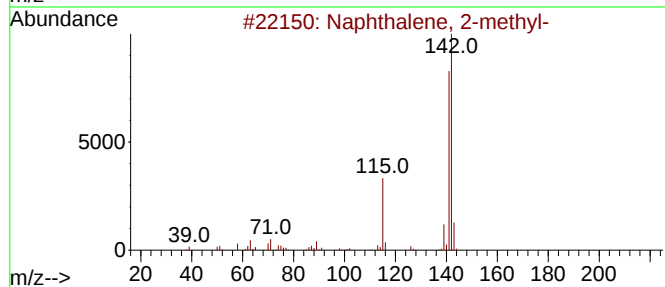
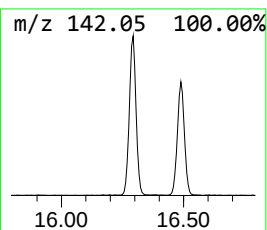
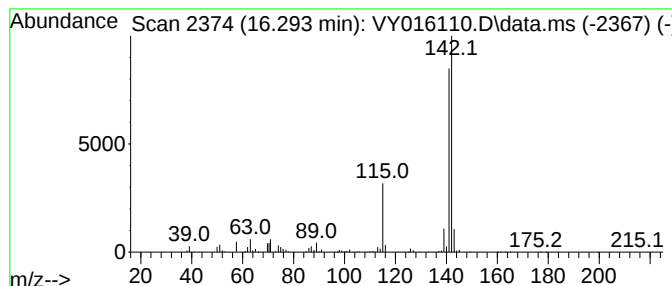
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	29.11 ug/l	520729	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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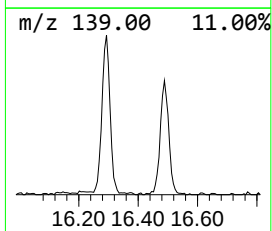
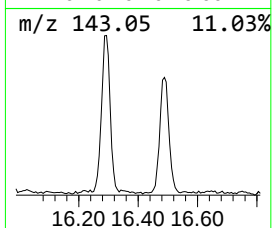
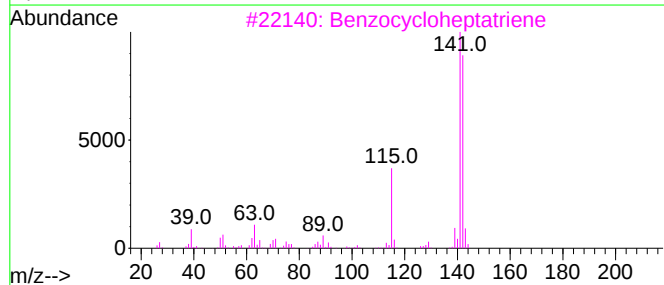
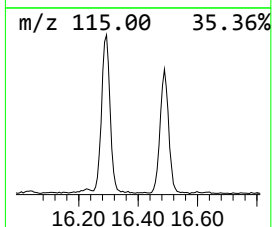
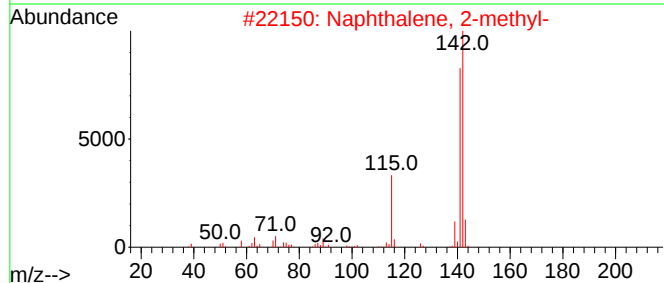
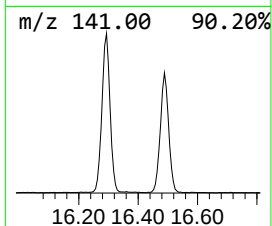
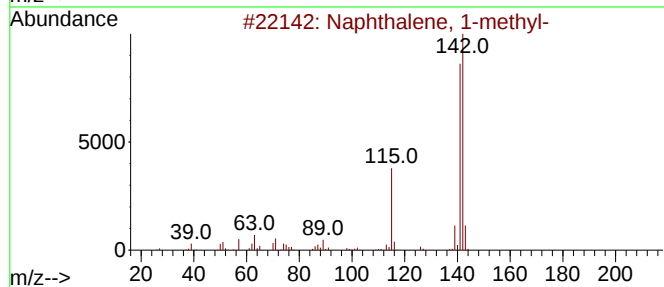
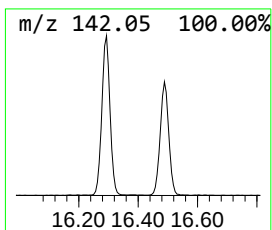
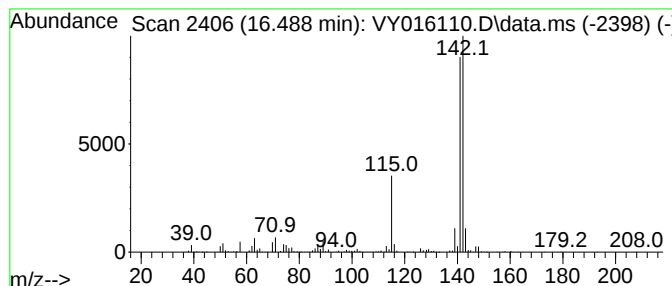
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	24.34 ug/l	435464	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016110.D
Acq On : 27 Oct 2023 17:43
Operator : SY/MD
Sample : 05107-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1049

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.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
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Naphthalene, 2,...	12.410	147.6	ug/l	2044670	3	11.489	692564	50.0
Naphthalene, 2,...	12.965	229.3	ug/l	4100760	4	13.428	894380	50.0
Naphthalene, 1,...	13.580	21.9	ug/l	392412	4	13.428	894380	50.0
Naphthalene, 1,...	13.666	58.5	ug/l	1047140	4	13.428	894380	50.0
Naphthalene, 1,...	14.031	41.7	ug/l	745542	4	13.428	894380	50.0
1,1'-Biphenyl, ...	14.300	19.7	ug/l	352877	4	13.428	894380	50.0
Acenaphthene	14.733	33.8	ug/l	604417	4	13.428	894380	50.0
Naphthalene, 2-...	16.293	29.1	ug/l	520729	4	13.428	894380	50.0
Naphthalene, 1-...	16.488	24.3	ug/l	435464	4	13.428	894380	50.0