

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006534.D
 Acq On : 29 Oct 2021 12:57
 Operator : SY/MD
 Sample : M4406-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20310

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\82Y102221S.M

Title : SW846 8260

Signal : TIC: VY006534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.722	963	968	973	rBV5	1506	3180	1.11%	0.247%
2	7.795	973	980	992	rVB2	9223	20323	7.07%	1.578%
3	8.149	1030	1038	1050	rVB2	6315	14884	5.18%	1.156%
4	8.691	1120	1127	1136	rBV	14751	30933	10.76%	2.402%
5	10.185	1366	1372	1378	rBV	26188	51440	17.89%	3.994%
6	11.246	1525	1546	1550	rBV10	27598	144343	50.21%	11.206%
7	11.489	1582	1586	1592	rVB2	24544	46645	16.23%	3.621%
8	11.715	1619	1623	1624	rBV4	5395	7351	2.56%	0.571%
9	11.764	1629	1631	1634	rVV4	4283	5195	1.81%	0.403%
10	12.489	1745	1750	1754	rBV2	13729	25329	8.81%	1.966%
11	13.343	1875	1890	1900	rBV6	60251	287482	100.00%	22.319%
12	13.422	1901	1903	1908	rVB2	18737	27452	9.55%	2.131%
13	13.562	1913	1926	1927	rBV6	19985	62144	21.62%	4.825%
14	13.751	1954	1957	1961	rBV4	10983	21320	7.42%	1.655%
15	14.026	1995	2002	2016	rBV2	45533	152088	52.90%	11.808%
16	14.276	2033	2043	2057	rVB7	34772	121200	42.16%	9.410%
17	14.452	2069	2072	2075	rVB4	7272	8591	2.99%	0.667%
18	14.580	2086	2093	2096	rBV8	8905	22541	7.84%	1.750%
19	14.672	2103	2108	2113	rBV9	9241	24116	8.39%	1.872%
20	14.861	2133	2139	2140	rBV	11889	18327	6.38%	1.423%
21	15.044	2160	2169	2176	rBV6	12212	34987	12.17%	2.716%
22	15.422	2224	2231	2241	rVV7	7591	25309	8.80%	1.965%
23	15.495	2241	2243	2249	rVB7	3447	5327	1.85%	0.414%
24	15.611	2257	2262	2264	rBV5	7319	10547	3.67%	0.819%
25	15.720	2276	2280	2283	rBV5	4959	9717	3.38%	0.754%
26	15.848	2297	2301	2302	rBV2	4790	5485	1.91%	0.426%
27	16.013	2317	2328	2337	rVB5	13081	45854	15.95%	3.560%
28	16.220	2356	2362	2367	rBV8	5240	11628	4.04%	0.903%
29	16.379	2381	2388	2396	rVB2	13741	37585	13.07%	2.918%
30	16.763	2444	2451	2455	rBV10	2375	6721	2.34%	0.522%

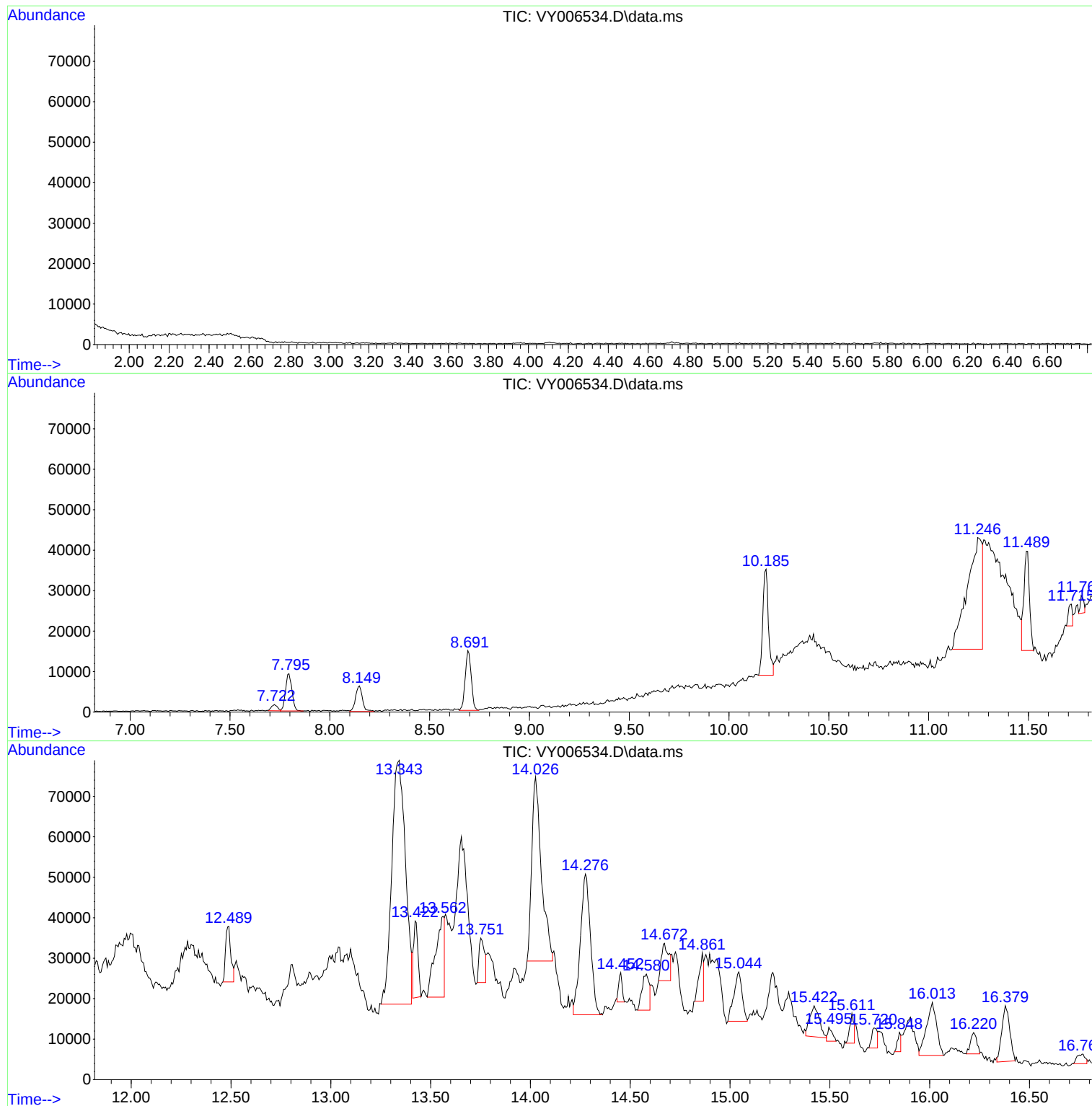
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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



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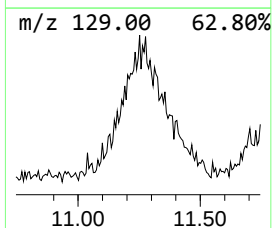
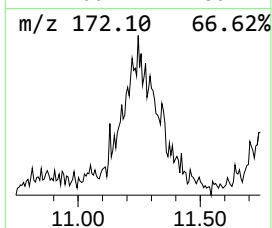
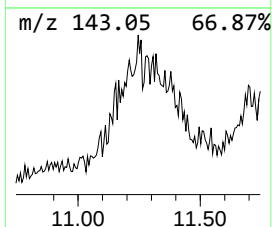
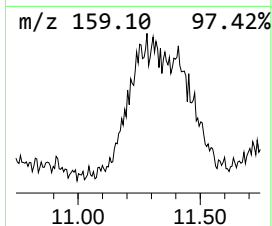
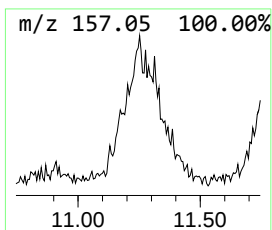
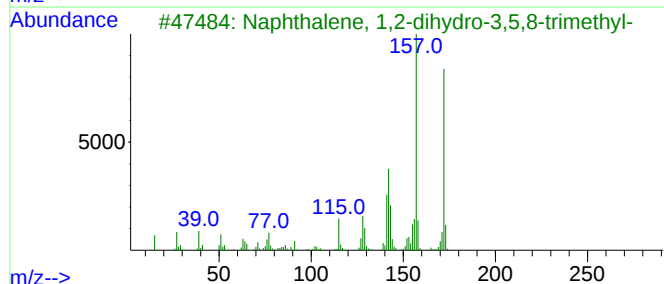
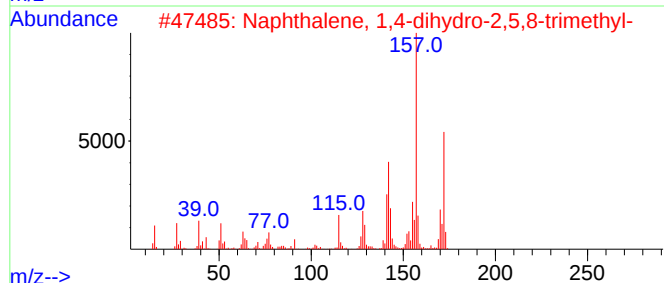
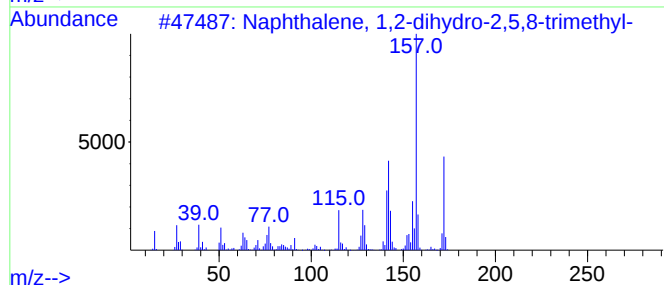
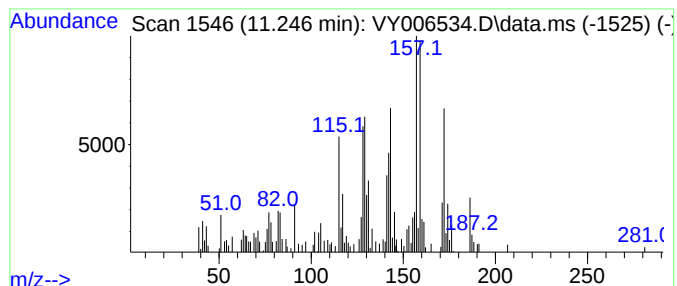
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,2-dihydro-2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.246	154.72 ug/l	144343	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-2,5,8-t...	172	C13H16	030316-23-5	89
2			Naphthalene, 1,4-dihydro-2,5,8-t...	172	C13H16	030316-19-9	87
3			Naphthalene, 1,2-dihydro-3,5,8-t...	172	C13H16	030316-18-8	50
4			Naphthalene, 1,2-dihydro-1,4,6-t...	172	C13H16	055682-80-9	46
5			8-Methylquinolin-4-amine, N-methyl	172	C11H12N2	1247523-99-4	46



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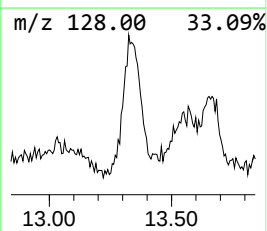
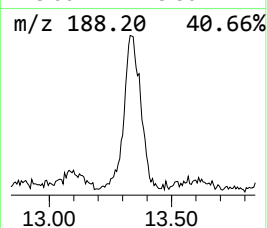
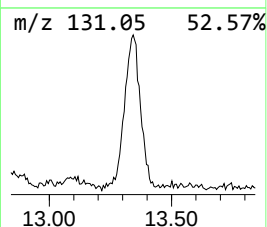
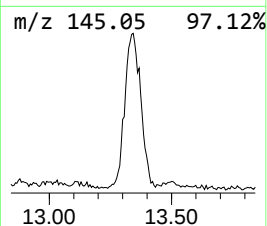
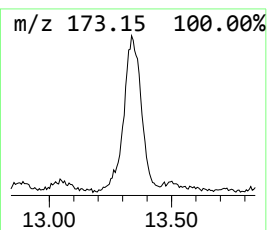
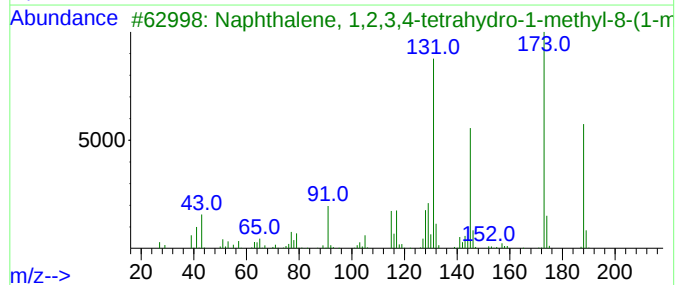
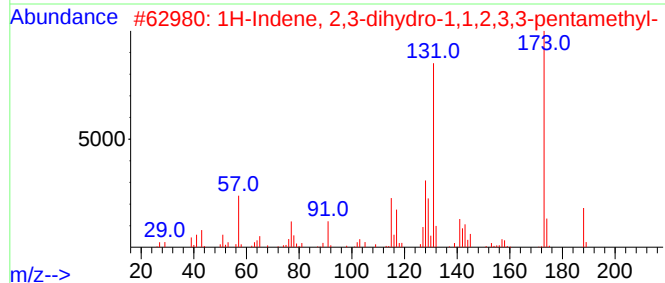
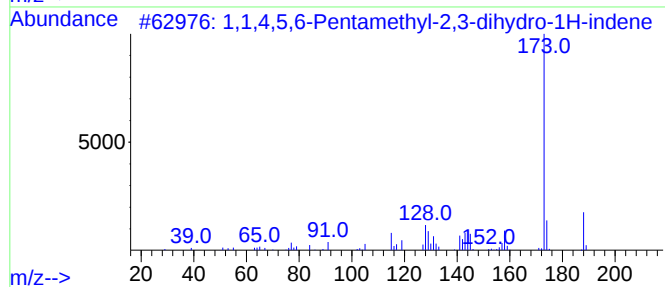
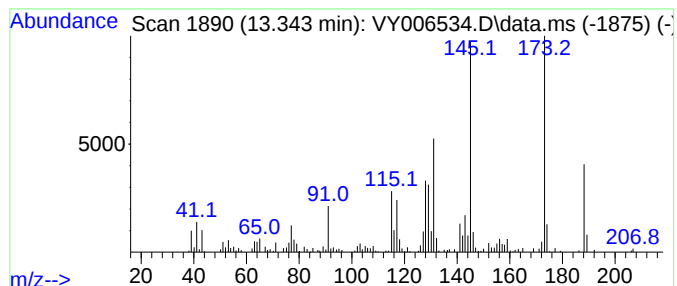
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 1,1,4,5,6-Pentamethyl-2,3-d... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.343	523.61 ug/l	287482	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	78		
2	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	70		
3	Naphthalene, 1,2,3,4-tetrahydro-...	188	C14H20	081603-43-2	46		
4	2H-Inden-2-one, 1,3-dihydro-1,1,...	188	C13H16O	005689-12-3	45		
5	6,7,8,9-Tetrahydro-5H-pyrzolo(2,...	173	C10H11N3	056015-29-3	43		



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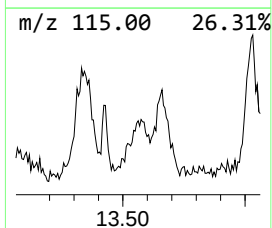
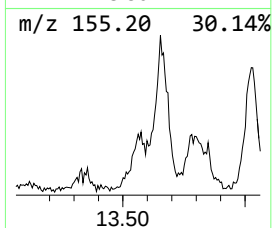
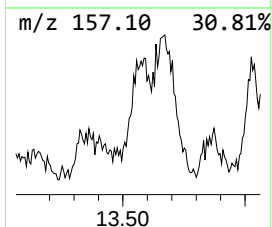
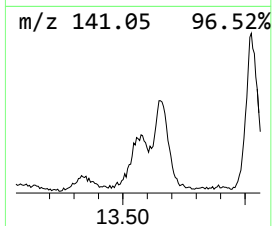
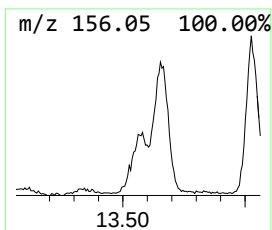
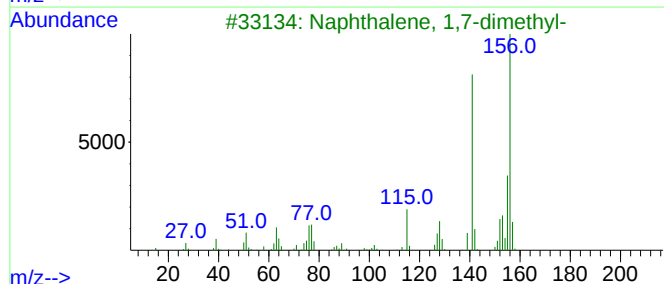
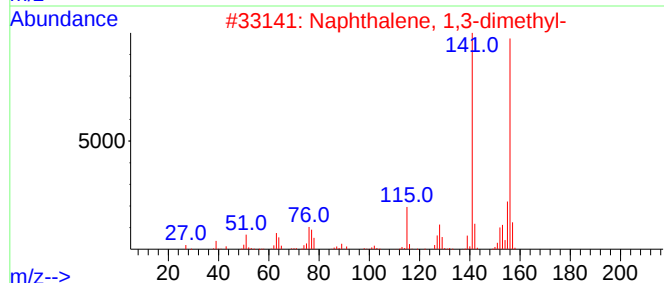
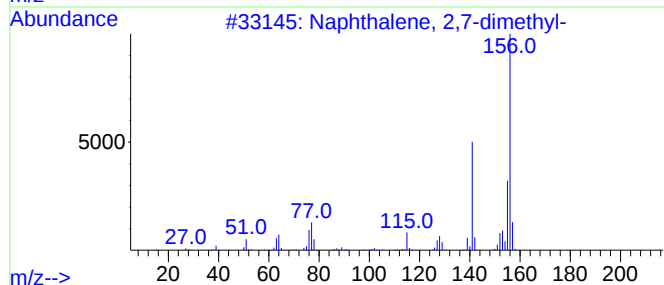
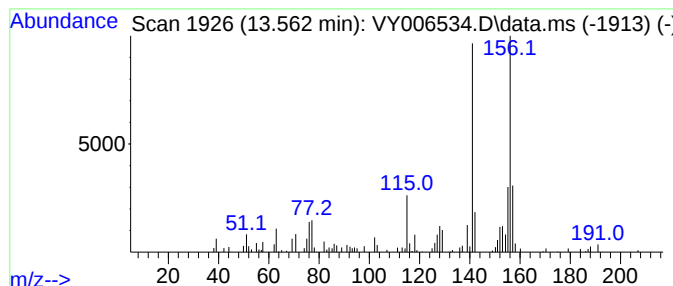
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.562	113.19 ug/l	62144	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	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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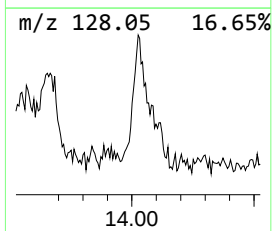
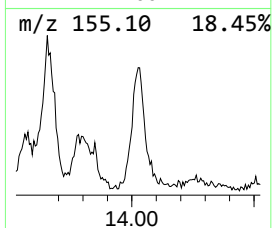
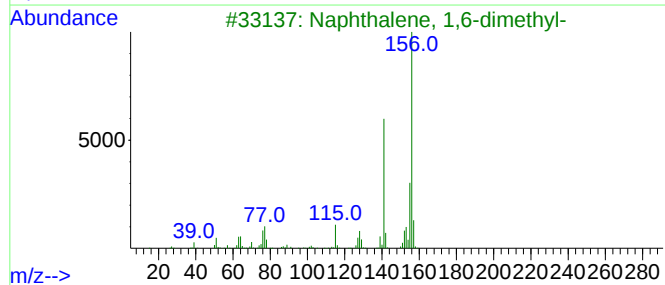
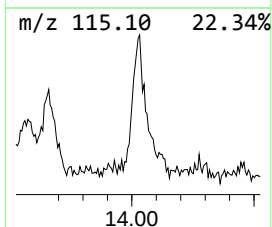
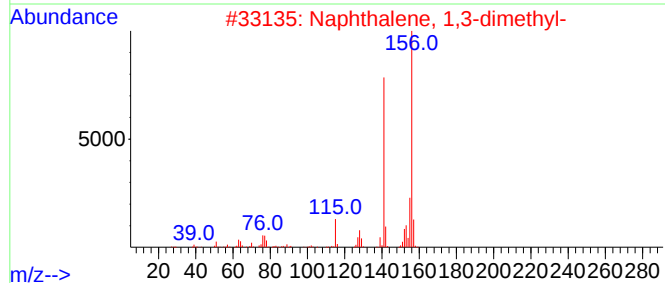
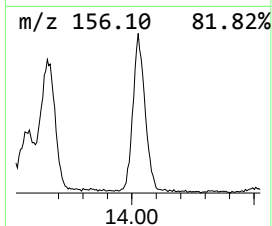
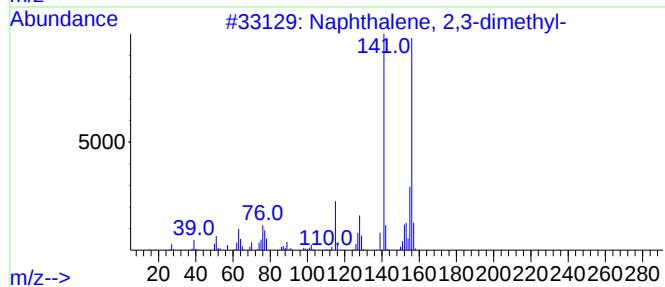
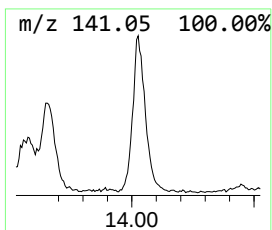
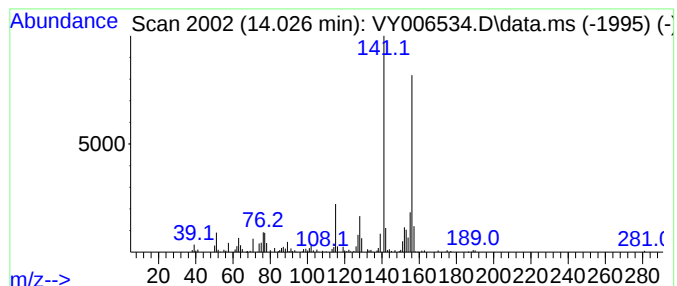
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Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.026	277.01 ug/l	152088	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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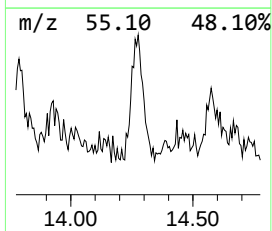
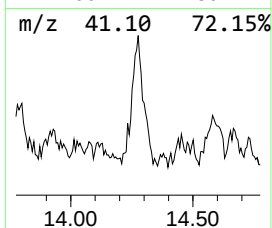
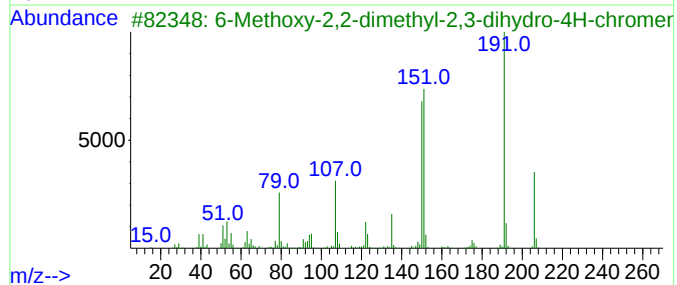
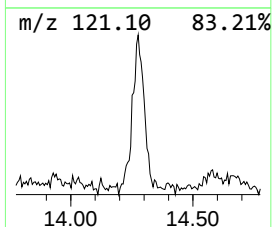
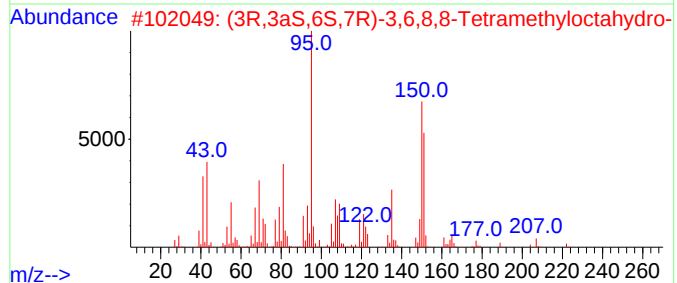
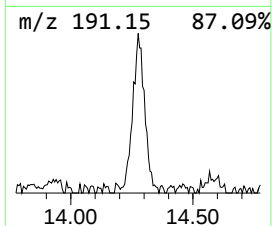
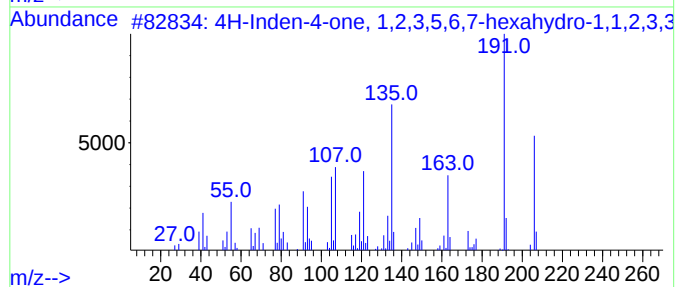
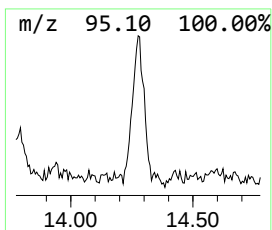
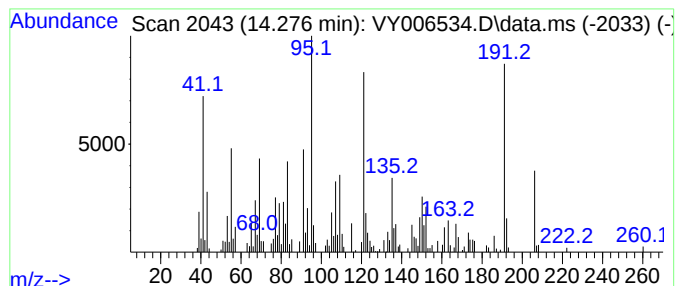
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown14.276 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.276	220.75 ug/l	121200	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Inden-4-one, 1,2,3,5,6,7-hexa...	206	C14H22O	033704-61-9	35
2			(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	30
3			6-Methoxy-2,2-dimethyl-2,3-dihyd...	206	C12H14O3	013229-59-9	30
4			Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	25
5			Benzeneethanol, 3-methoxy-	152	C9H12O2	005020-41-7	20



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CHRT-20310

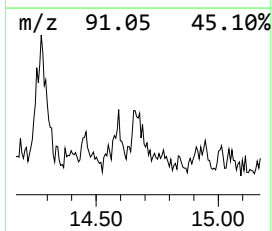
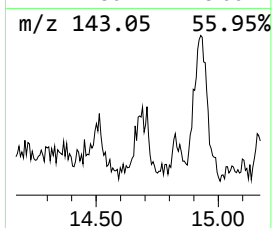
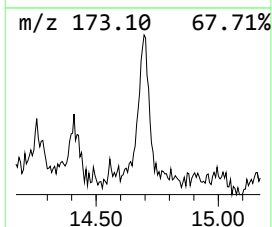
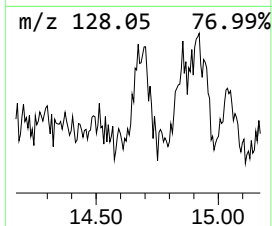
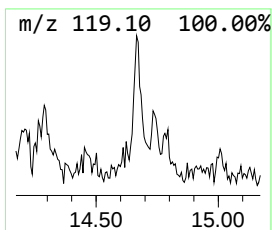
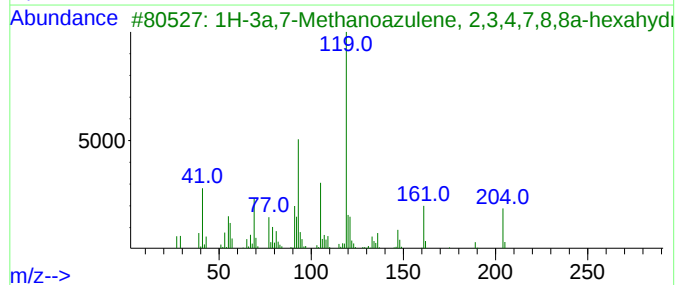
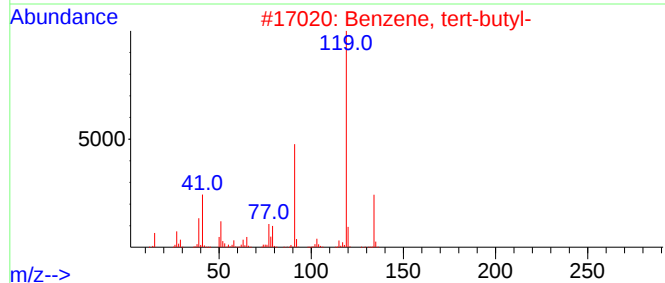
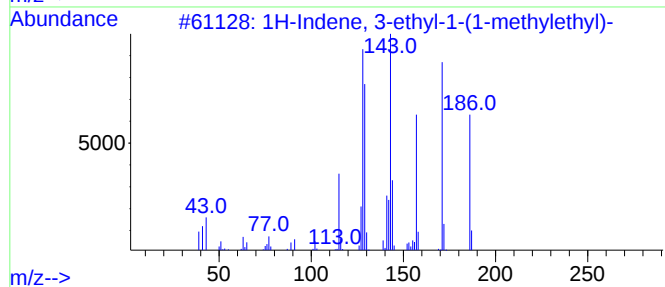
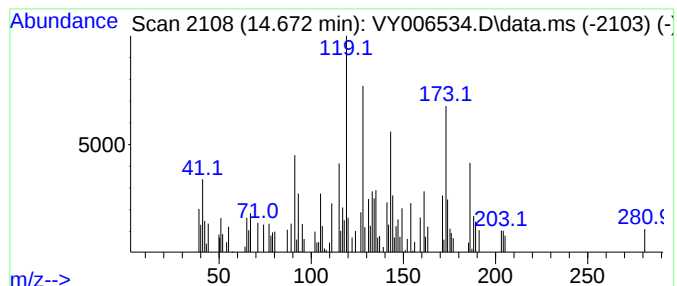
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.672 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	43.92 ug/l	24116	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 3-ethyl-1-(1-methylet...	186	C14H18	111400-85-2	38
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	25
3			1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	25
4			(2-Ethyl-3,3-dimethyl-cycloprop-...	186	C14H18	1000274-98-9	18
5			o-Cymene	134	C10H14	000527-84-4	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006534.D
Acq On : 29 Oct 2021 12:57
Operator : SY/MD
Sample : M4406-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

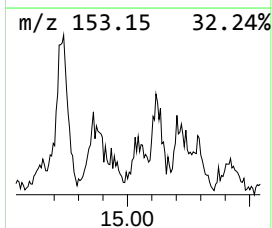
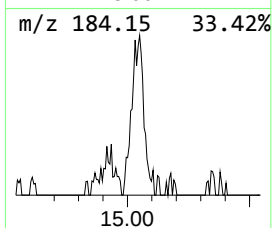
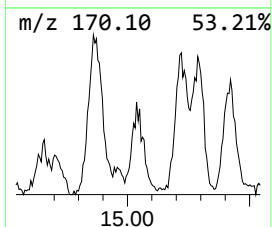
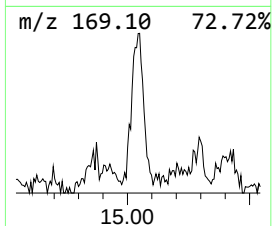
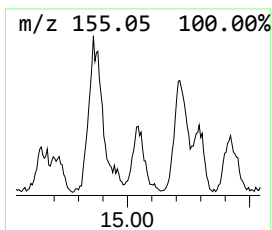
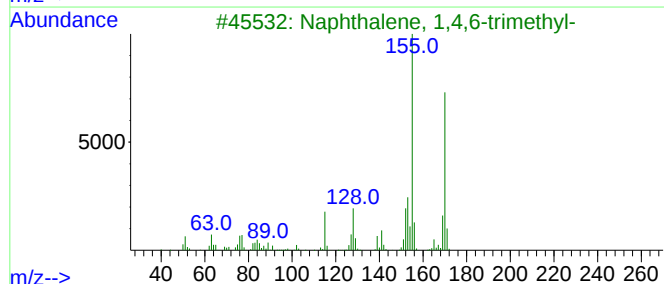
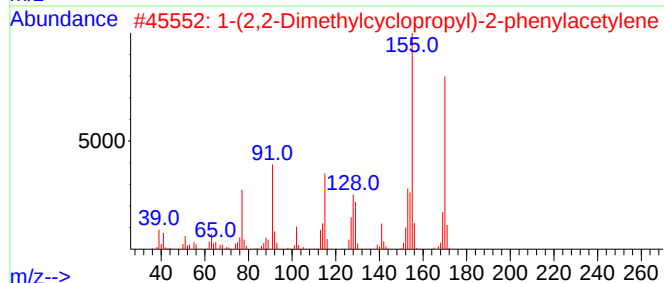
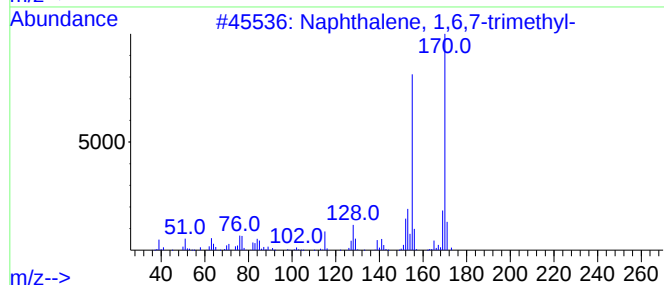
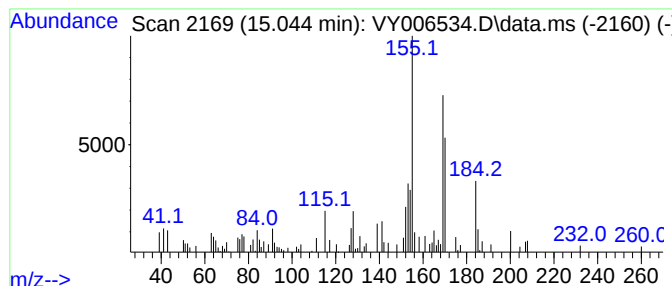
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.044	63.72 ug/l	34987	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
2			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4			Chamazulene	184	C14H16	000529-05-5	70
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006534.D
Acq On : 29 Oct 2021 12:57
Operator : SY/MD
Sample : M4406-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

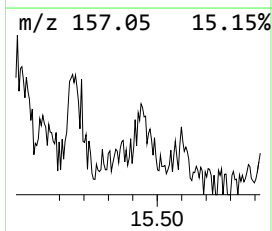
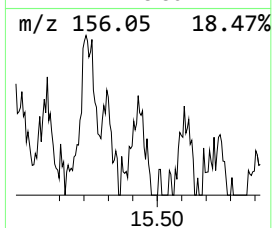
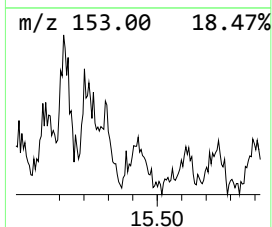
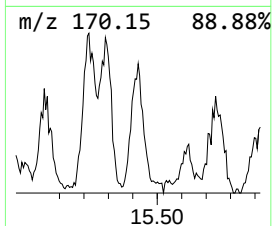
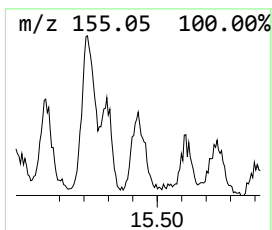
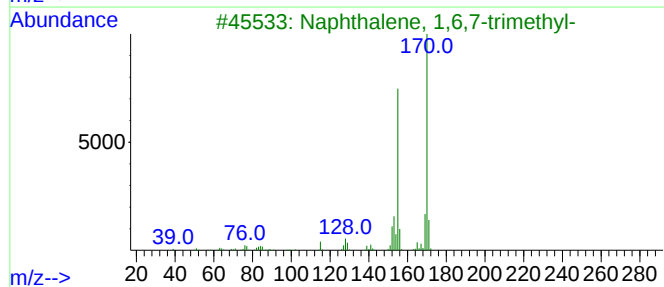
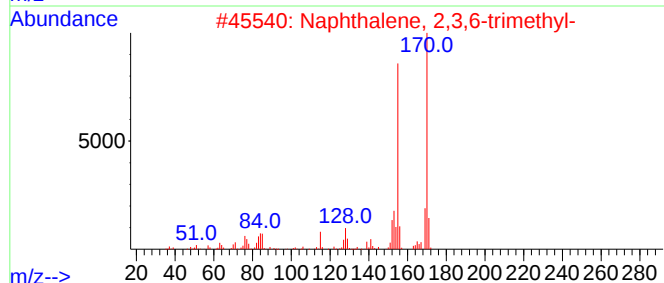
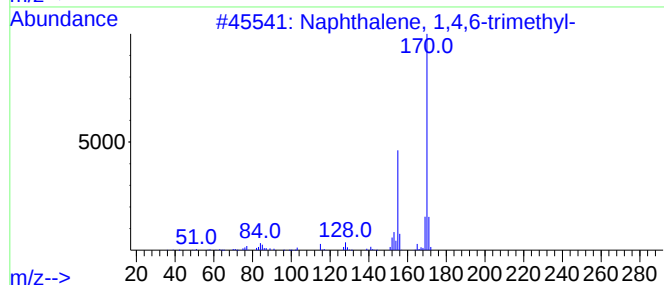
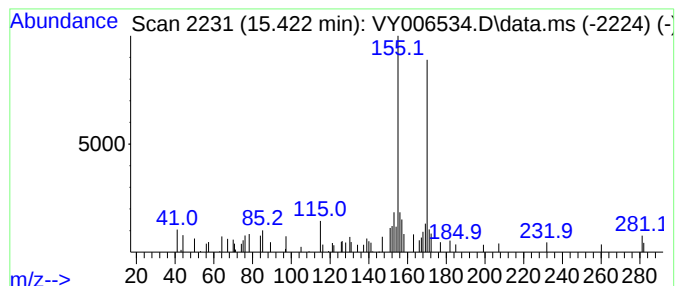
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	46.10 ug/l	25309	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	80
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006534.D
Acq On : 29 Oct 2021 12:57
Operator : SY/MD
Sample : M4406-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

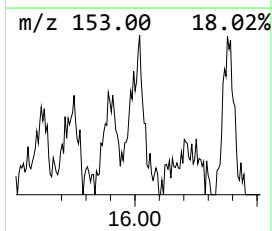
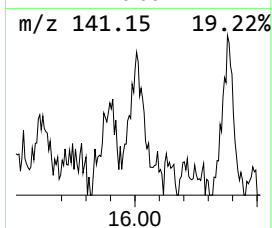
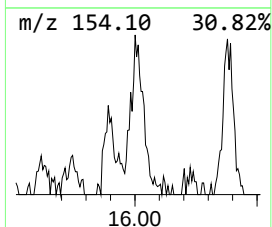
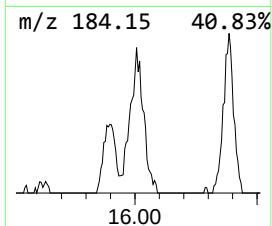
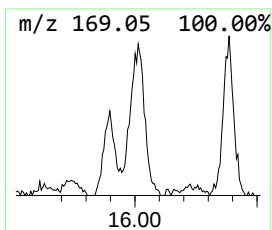
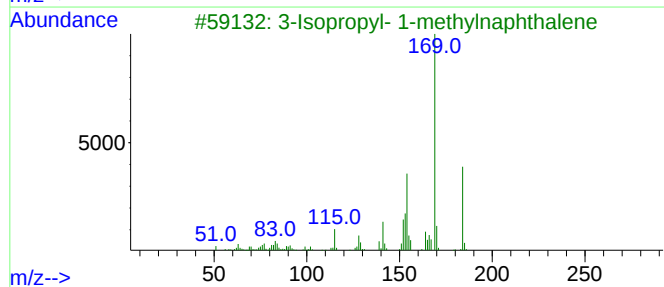
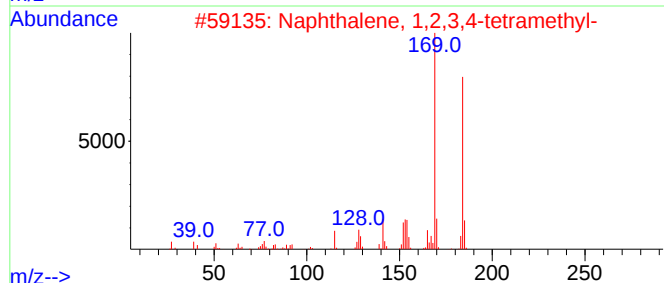
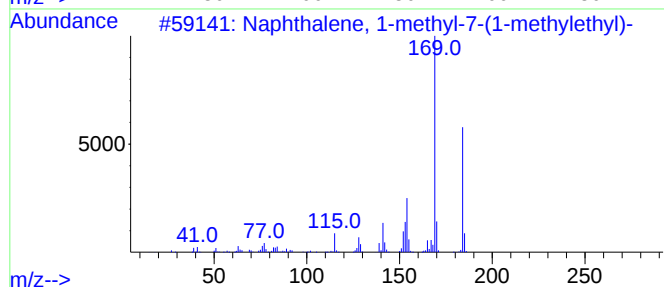
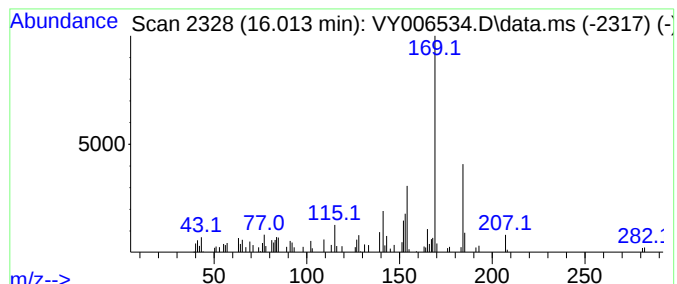
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl-7-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.013	83.52 ug/l	45854	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	94
2			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3			3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	83
4			2-Isopropyl-3-methylnaphthalene	184	C14H16	1000383-71-2	81
5			2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006534.D
Acq On : 29 Oct 2021 12:57
Operator : SY/MD
Sample : M4406-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

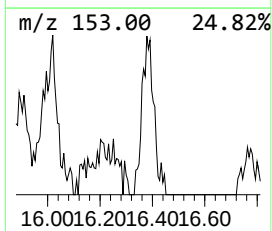
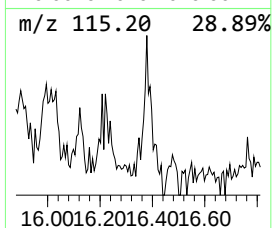
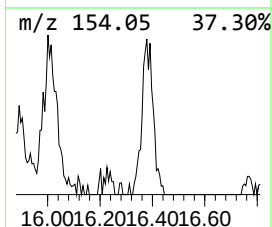
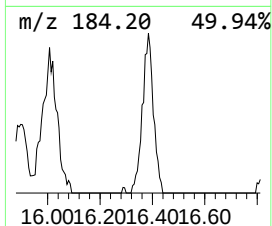
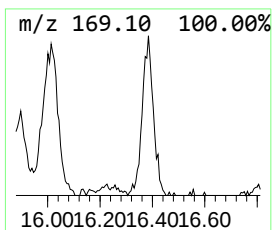
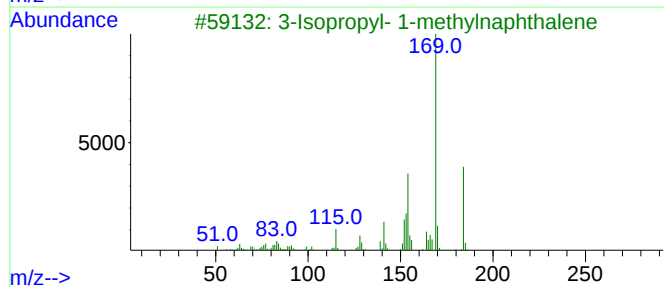
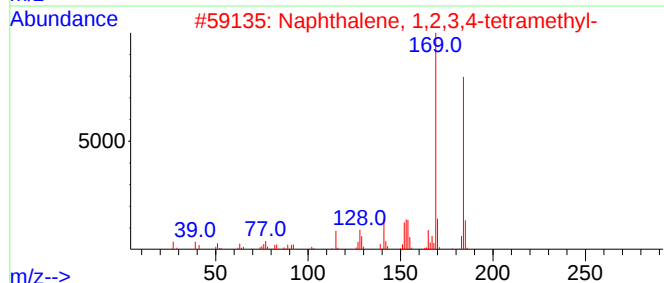
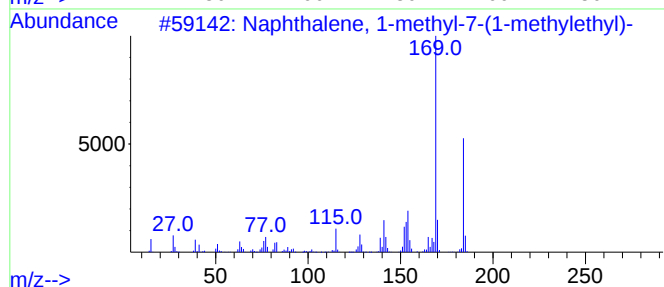
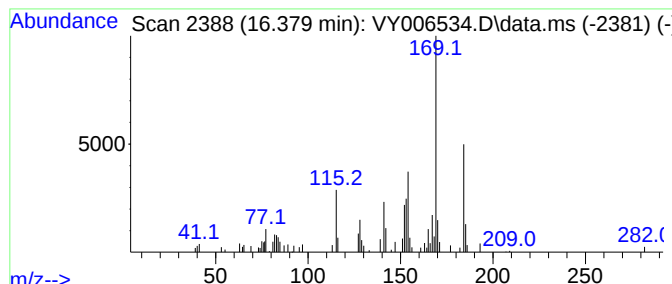
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.379	68.46 ug/l	37585	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	93
2		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
3		3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	90
4		2-Isopropyl-3-methylnaphthalene	184	C14H16	1000383-71-2	90
5		1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006534.D
Acq On : 29 Oct 2021 12:57
Operator : SY/MD
Sample : M4406-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20310

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.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, 1,...	11.246	154.7	ug/l	144343	3	11.490	46645	50.0
1,1,4,5,6-Penta...	13.343	523.6	ug/l	287482	4	13.422	27452	50.0
Naphthalene, 2,...	13.562	113.2	ug/l	62144	4	13.422	27452	50.0
Naphthalene, 2,...	14.026	277.0	ug/l	152088	4	13.422	27452	50.0
unknown14.276	14.276	220.8	ug/l	121200	4	13.422	27452	50.0
unknown14.672	14.672	43.9	ug/l	24116	4	13.422	27452	50.0
Naphthalene, 1,...	15.044	63.7	ug/l	34987	4	13.422	27452	50.0
Naphthalene, 1,...	15.422	46.1	ug/l	25309	4	13.422	27452	50.0
Naphthalene, 1-...	16.013	83.5	ug/l	45854	4	13.422	27452	50.0
Naphthalene, 1,...	16.379	68.5	ug/l	37585	4	13.422	27452	50.0