

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031829.D
 Acq On : 11 Jul 2025 18:44
 Operator : SY/MD
 Sample : Q2571-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-18 VOC

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_W\Method\82W063025S.M
 Title : SW846 8260

Signal : TIC: VW031829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	490	504	520	rBV2	11470	46116	4.03%	0.298%
2	5.978	658	671	684	rBV5	7224	23394	2.04%	0.151%
3	7.904	973	987	991	rBV	156228	365507	31.92%	2.362%
4	7.965	991	997	1010	rVB	252685	594186	51.88%	3.839%
5	8.319	1043	1055	1068	rBV	167101	368086	32.14%	2.378%
6	8.855	1134	1143	1156	rBV	439237	901556	78.72%	5.826%
7	10.331	1376	1385	1398	rBV	631763	1145251	100.00%	7.400%
8	11.635	1592	1599	1608	rBV	654279	1130882	98.75%	7.307%
9	12.141	1678	1682	1687	rVB6	7002	12247	1.07%	0.079%
10	12.361	1715	1718	1722	rVB4	11890	17722	1.55%	0.115%
11	12.617	1754	1760	1768	rVB2	488483	804131	70.21%	5.196%
12	12.775	1782	1786	1793	rVB2	23500	42011	3.67%	0.271%
13	12.928	1807	1811	1825	rVB8	34310	106573	9.31%	0.689%
14	13.123	1840	1843	1845	rBV4	11095	15740	1.37%	0.102%
15	13.160	1845	1849	1857	rVV2	40267	87237	7.62%	0.564%
16	13.483	1898	1902	1905	rBV2	33816	53683	4.69%	0.347%
17	13.556	1908	1914	1921	rVB	711374	1129864	98.66%	7.301%
18	13.623	1921	1925	1930	rBV4	39907	66445	5.80%	0.429%
19	13.867	1961	1965	1971	rBV2	210090	361264	31.54%	2.334%
20	14.129	2005	2008	2013	rVB2	87580	131422	11.48%	0.849%
21	14.184	2015	2017	2022	rBV3	41690	54030	4.72%	0.349%
22	14.257	2025	2029	2035	rVB5	86442	157637	13.76%	1.019%
23	14.379	2045	2049	2053	rVB2	202810	307132	26.82%	1.985%
24	14.422	2054	2056	2063	rVB6	83490	124083	10.83%	0.802%
25	14.489	2064	2067	2070	rBV4	74902	113453	9.91%	0.733%
26	14.543	2072	2076	2081	rVV5	127024	197417	17.24%	1.276%
27	14.653	2091	2094	2099	rBV3	72433	116103	10.14%	0.750%
28	14.714	2100	2104	2112	rVV	336380	623936	54.48%	4.032%
29	14.793	2113	2117	2120	rVV4	127641	233328	20.37%	1.508%
30	14.836	2120	2124	2132	rVB3	409522	836747	73.06%	5.407%
31	14.964	2142	2145	2149	rBV2	141910	193350	16.88%	1.249%
32	15.049	2155	2159	2164	rVB5	142802	235123	20.53%	1.519%
33	15.318	2199	2203	2210	rVB	471055	801147	69.95%	5.177%
34	15.385	2210	2214	2225	rBV8	179687	615509	53.74%	3.977%
35	15.543	2236	2240	2249	rVB2	482108	896251	78.26%	5.791%
36	15.720	2266	2269	2279	rVB4	322860	626045	54.66%	4.045%

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TP-18 VOC

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

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37	16.275	2355	2360	2368	rVB	416112	849047	74.14%	5.486%
38	16.482	2389	2394	2399	rBV	618718	1092160	95.36%	7.057%

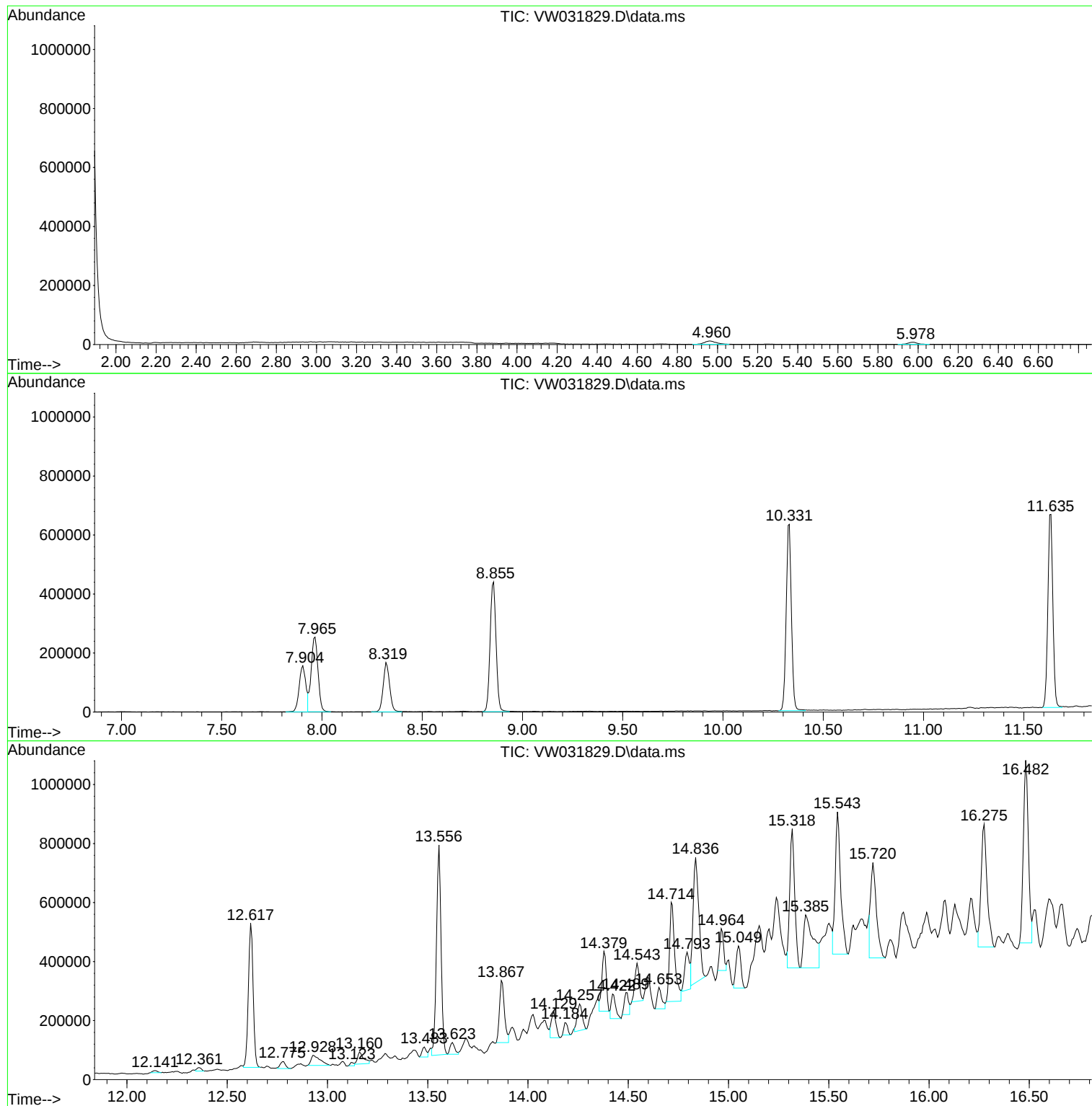
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Quant Title : SW846 8260

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



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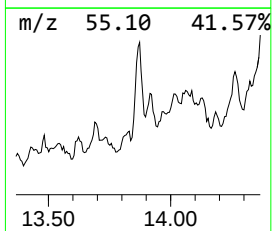
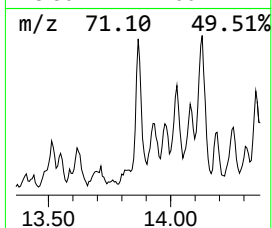
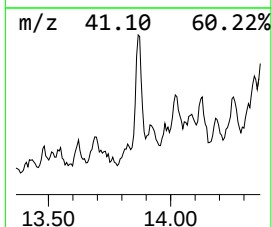
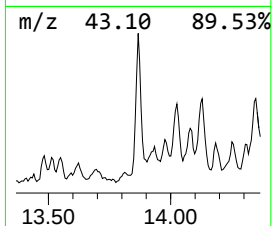
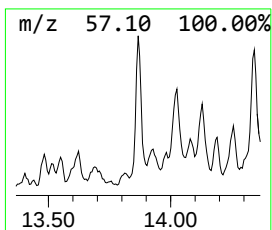
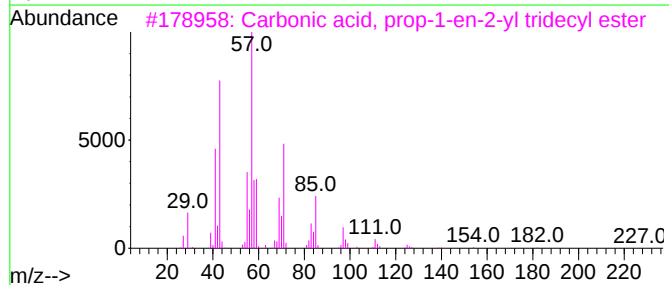
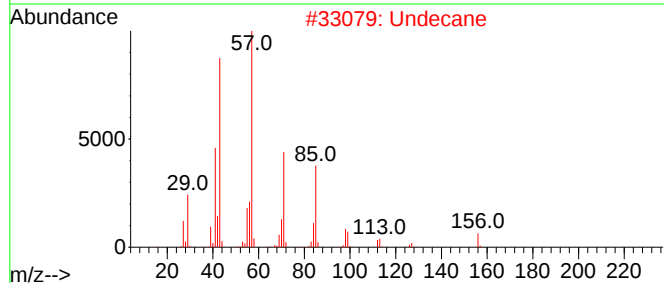
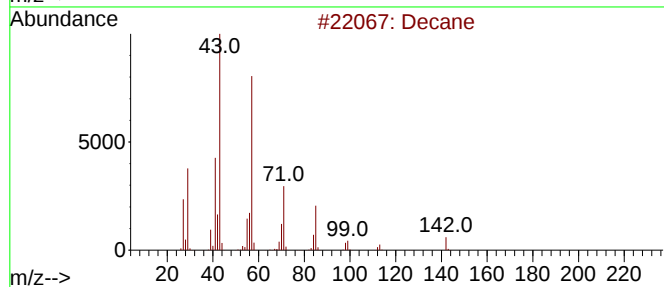
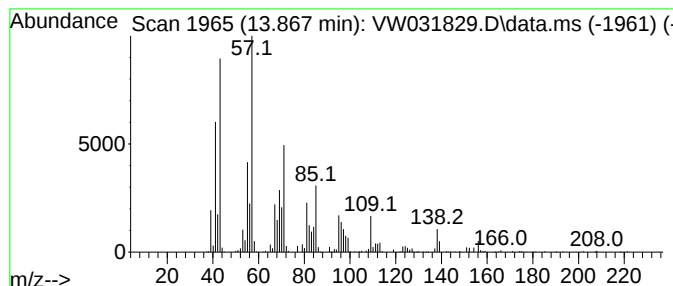
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.867	15.99 ug/l	361264	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Undecane	156	C11H24	001120-21-4	87
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
4			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	52
5			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	49



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

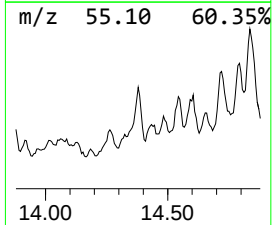
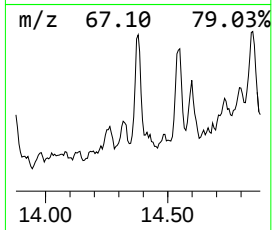
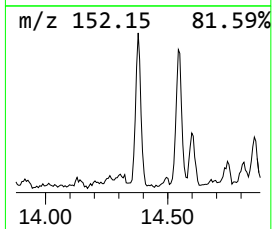
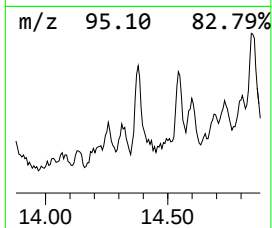
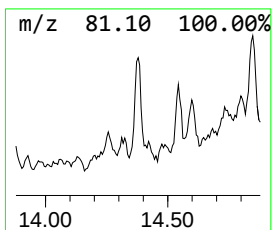
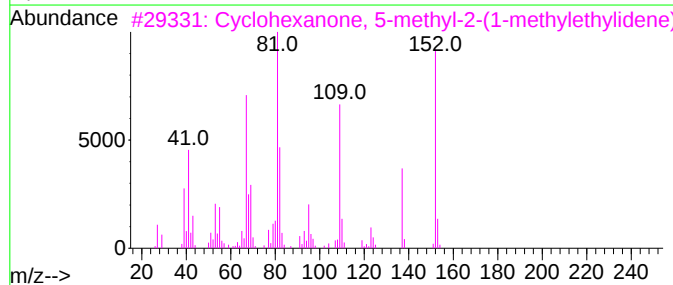
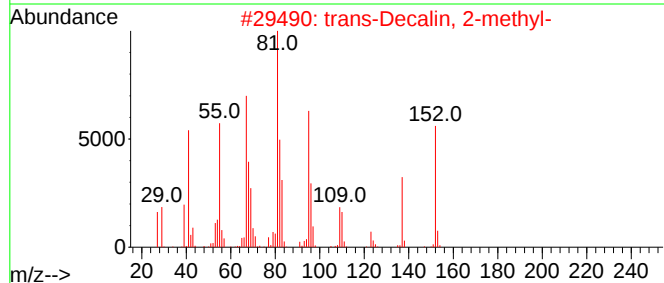
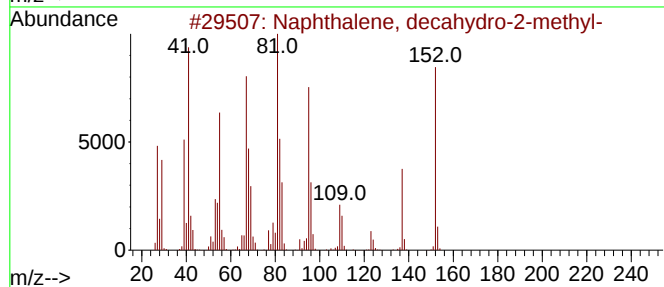
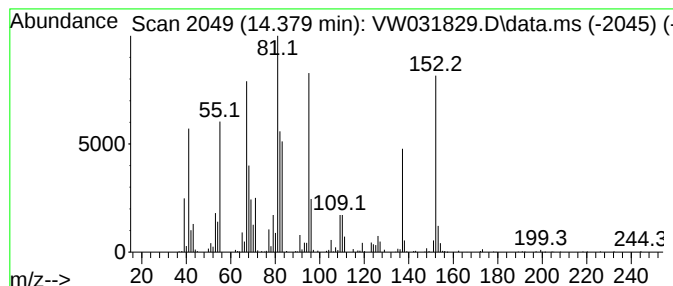
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	13.59 ug/l	307132	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4			Cyclopentylcyclohexane	152	C11H20	001606-08-2	60
5			Pulegone	152	C10H16O	000089-82-7	53



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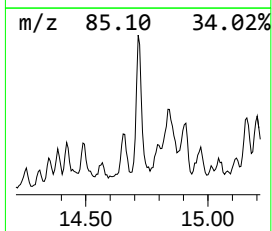
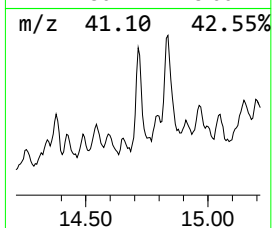
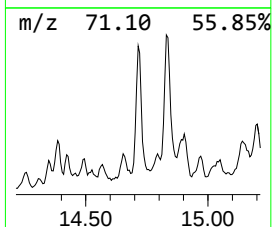
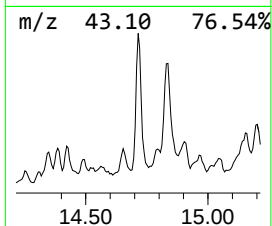
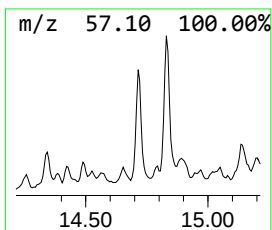
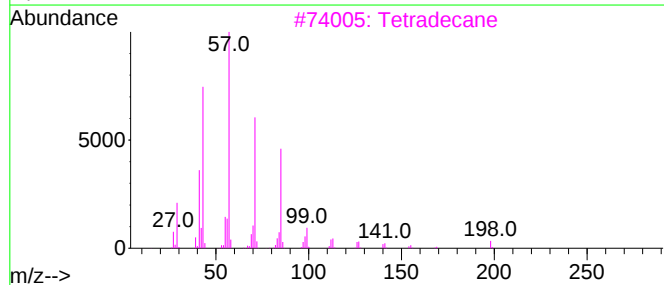
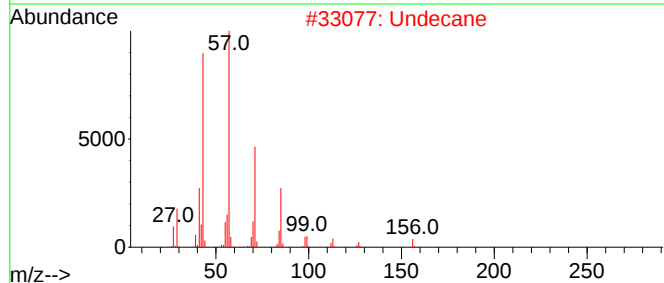
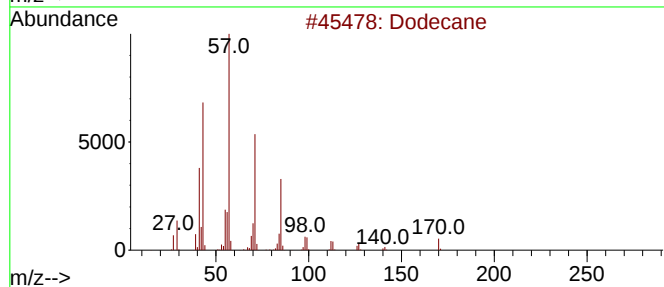
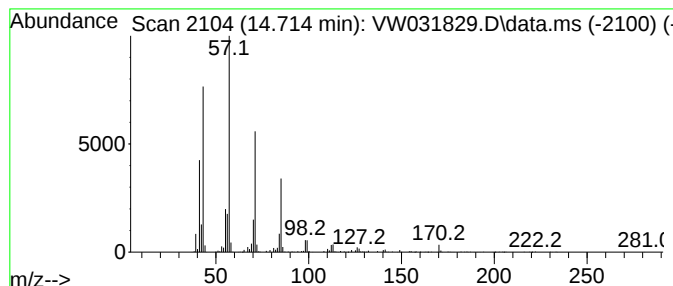
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Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	27.61 ug/l	623936	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Undecane	156	C11H24	001120-21-4	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5			Tridecane	184	C13H28	000629-50-5	86



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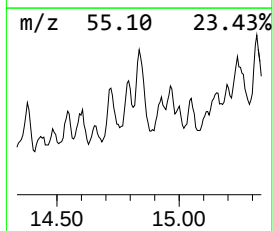
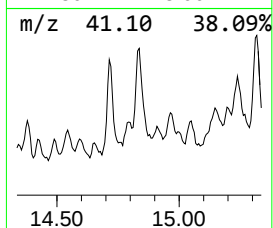
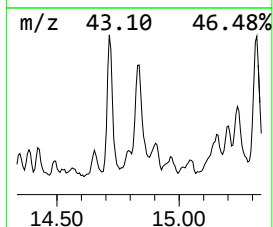
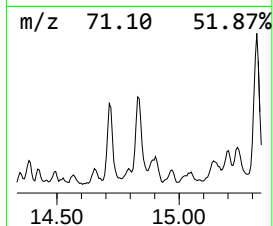
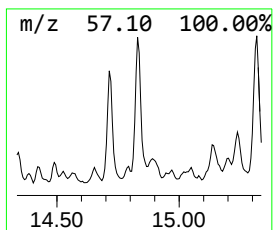
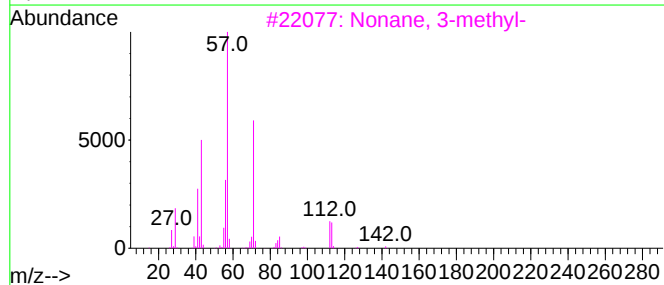
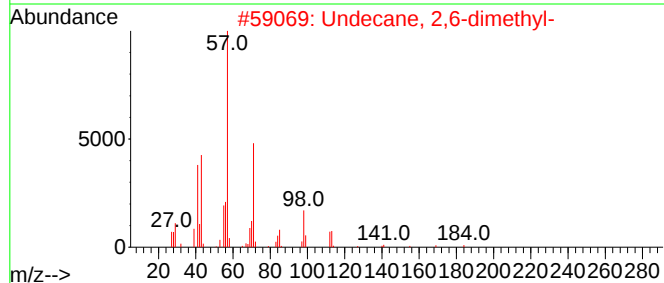
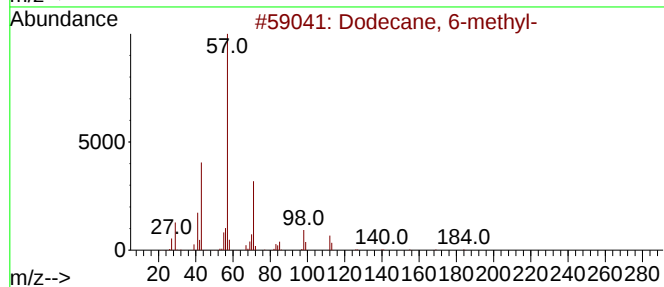
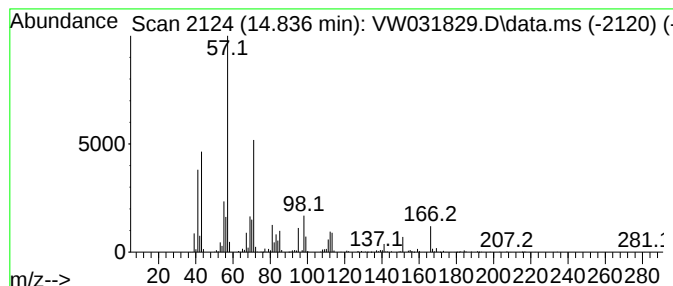
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	37.03 ug/l	836747	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	52
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46



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TP-18 VOC

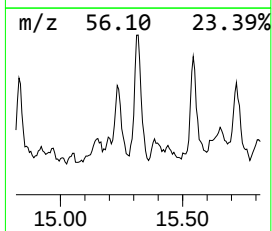
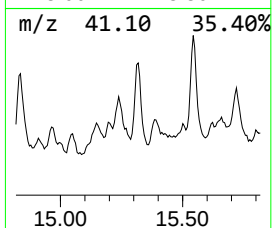
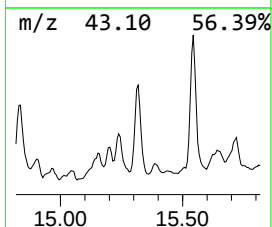
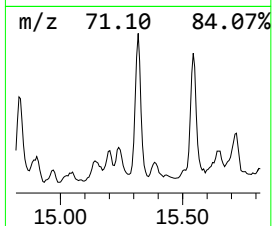
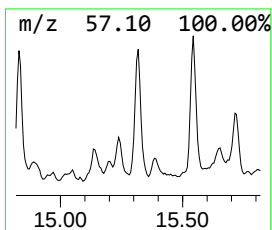
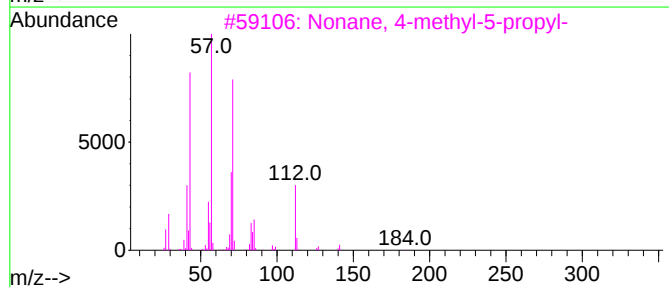
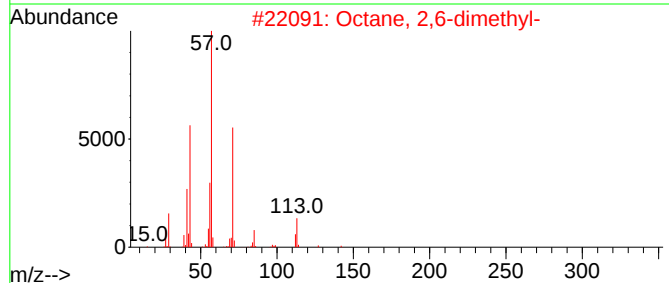
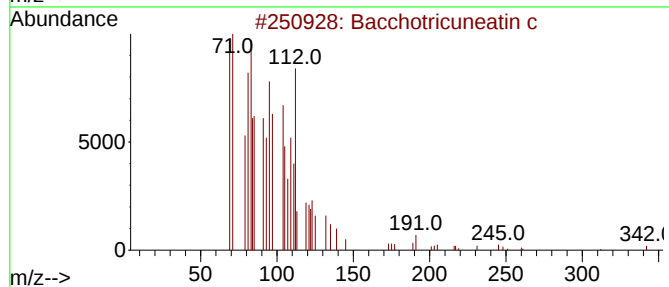
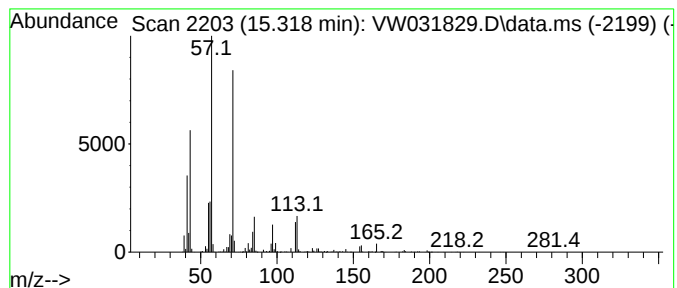
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 5 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	35.45 ug/l	801147	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

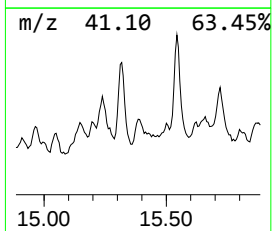
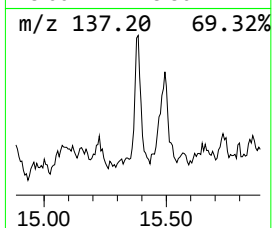
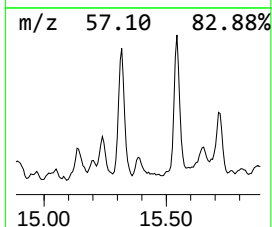
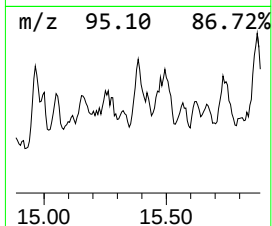
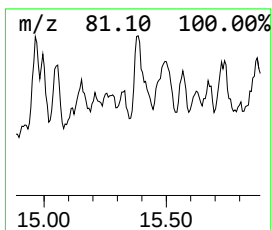
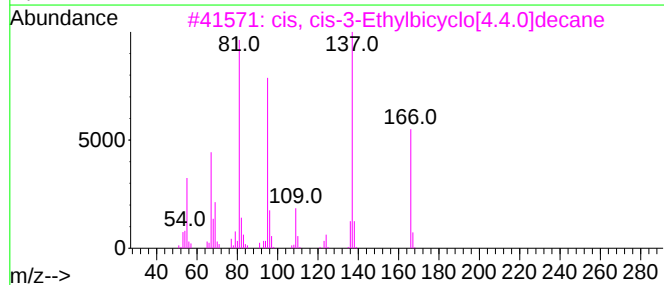
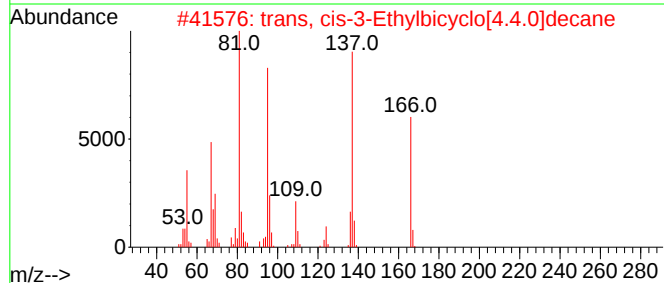
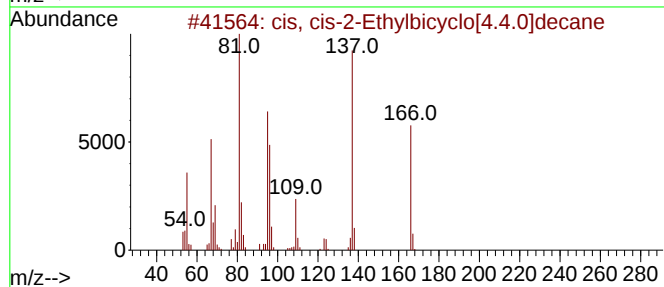
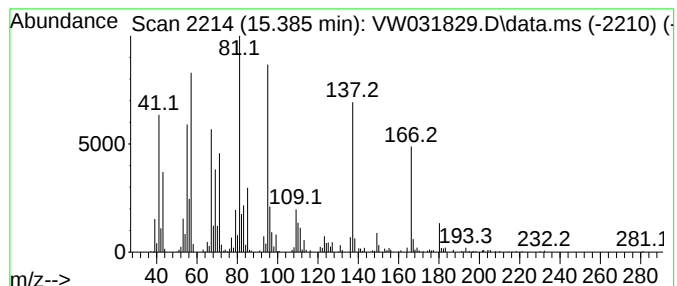
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Quant Title : SW846 8260

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

Peak Number 6 cis, cis-2-Ethylbicyclo[4.4.0] Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.385	27.24 ug/l	615509	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	83
2			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	76
3			cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	74
4			cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	68
5			trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

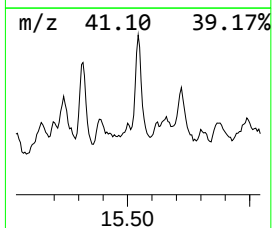
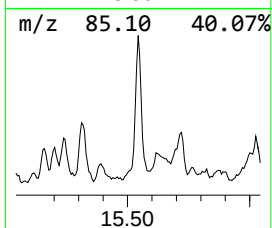
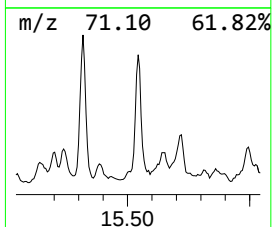
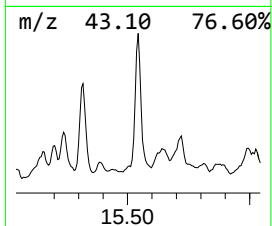
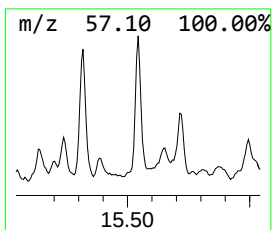
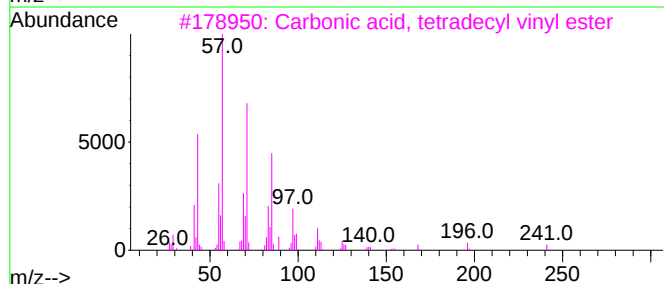
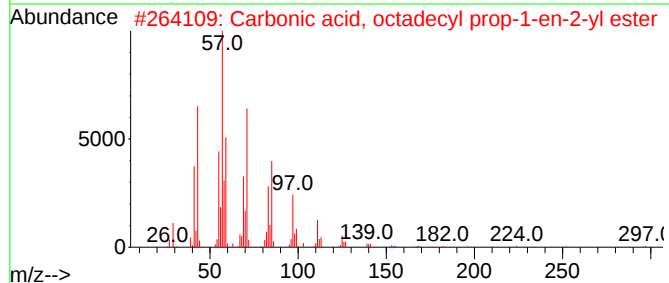
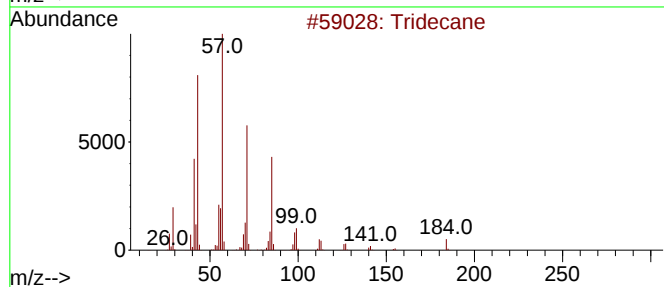
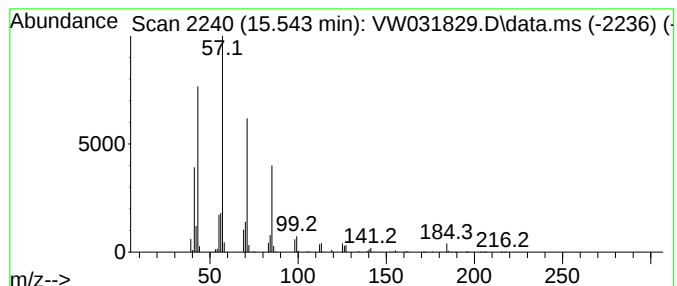
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	39.66 ug/l	896251	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	90
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

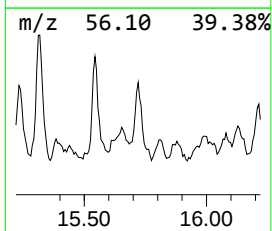
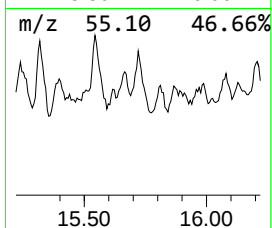
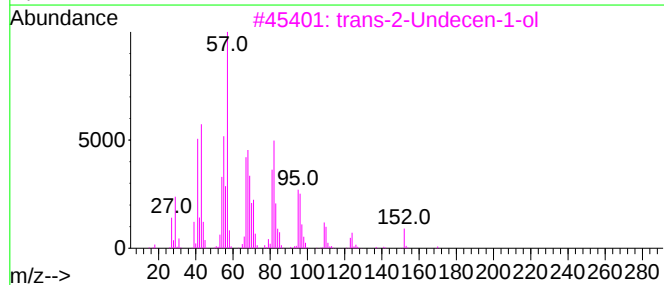
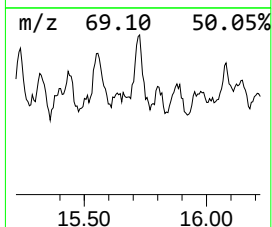
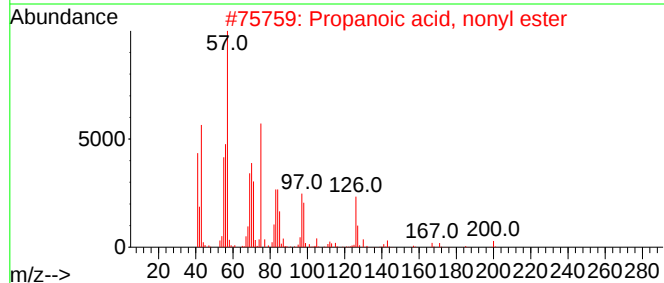
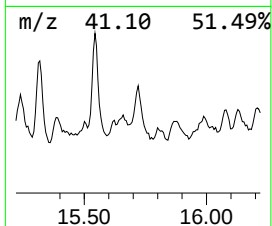
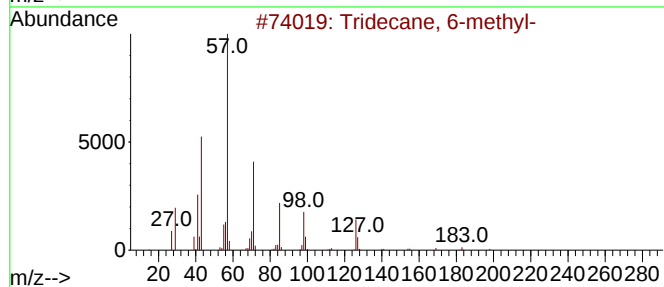
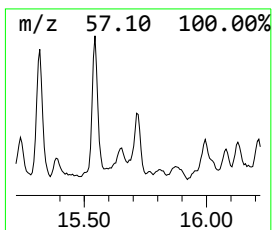
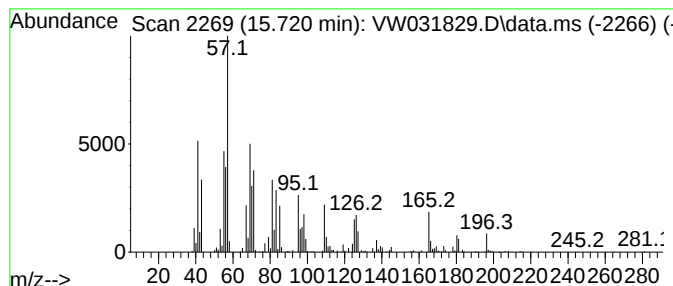
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.720 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	27.70 ug/l	626045	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
2			Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	38
3			trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	35
4			17-Pentatriacontene	491	C35H70	006971-40-0	35
5			Eicosane, 3-methyl-	296	C21H44	006418-46-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

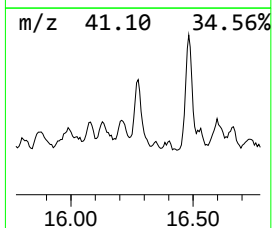
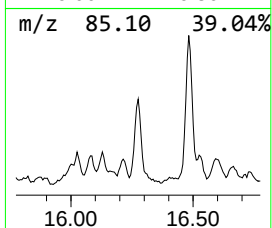
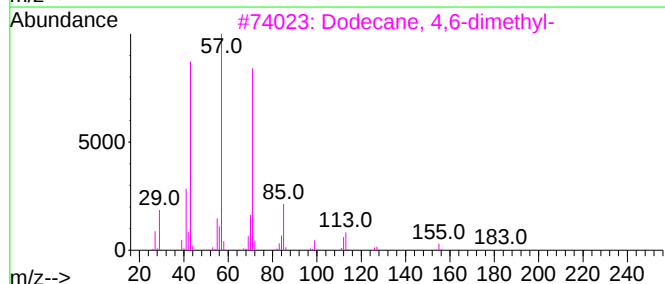
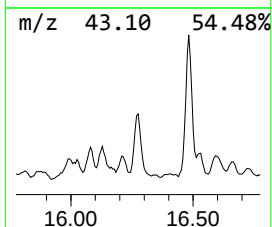
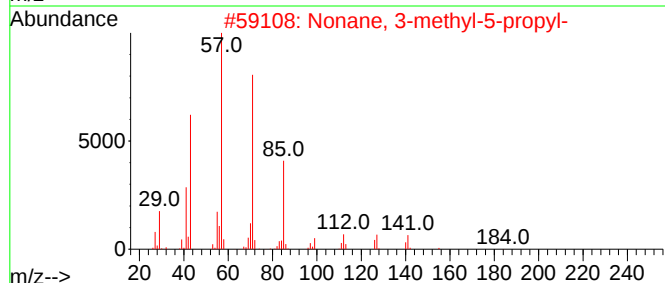
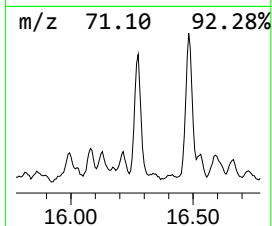
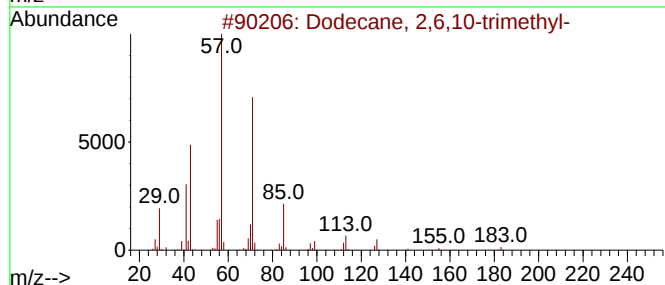
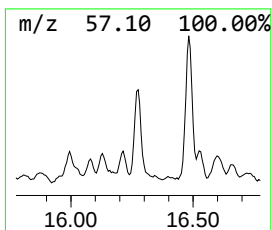
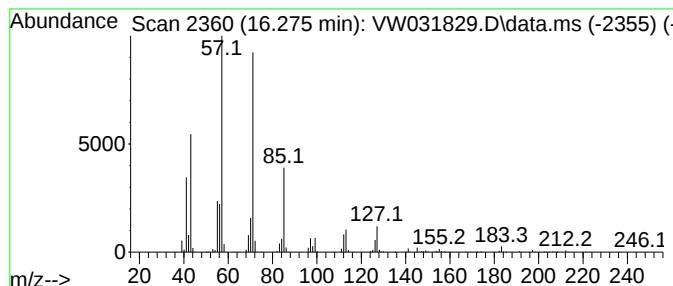
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	37.57 ug/l	849047	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

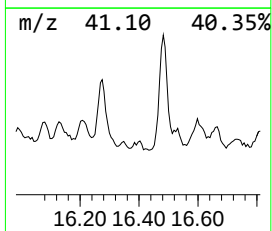
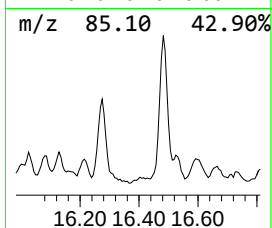
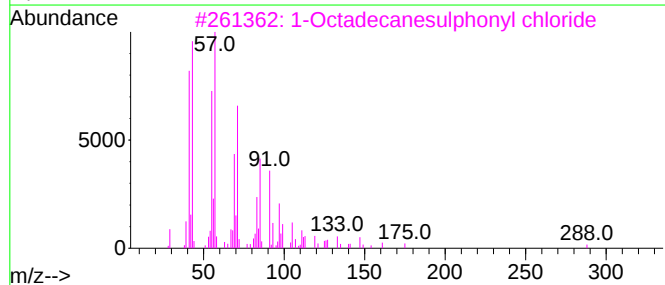
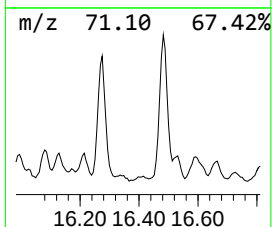
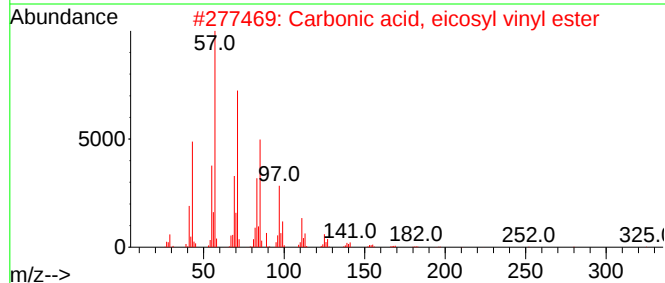
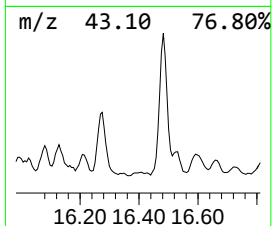
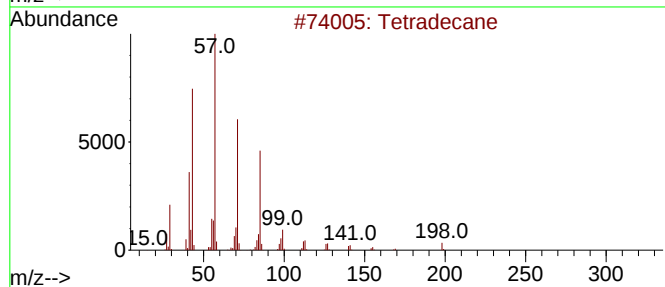
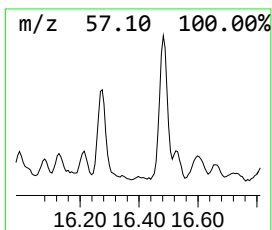
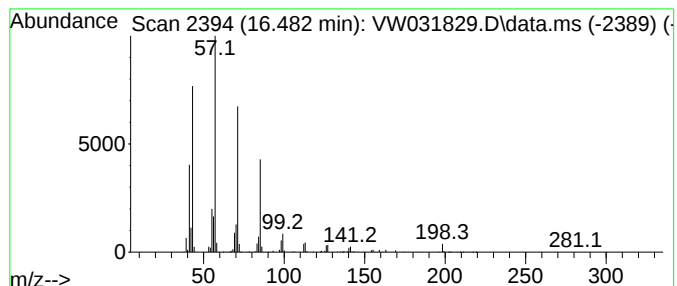
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	48.33 ug/l	1092160	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031829.D
Acq On : 11 Jul 2025 18:44
Operator : SY/MD
Sample : Q2571-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-18 VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.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, de...	14.379	13.6	ug/l	307132	4	13.556	1129860	50.0
Dodecane	14.714	27.6	ug/l	623936	4	13.556	1129860	50.0
Dodecane, 6-met...	14.836	37.0	ug/l	836747	4	13.556	1129860	50.0
Bacchotricuneat...	15.318	35.5	ug/l	801147	4	13.556	1129860	50.0
cis, cis-2-Ethy...	15.385	27.2	ug/l	615509	4	13.556	1129860	50.0
Tridecane	15.543	39.7	ug/l	896251	4	13.556	1129860	50.0
unknown15.720	15.720	27.7	ug/l	626045	4	13.556	1129860	50.0
Dodecane, 2,6,1...	16.275	37.6	ug/l	849047	4	13.556	1129860	50.0
Tetradecane	16.482	48.3	ug/l	1092160	4	13.556	1129860	50.0